

**Study
Note
2002-01**

**Update of U.S. Army Research Institute's
Officer Personnel Research Data Bases
for 1999 and 2000**

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**United States Army Research Institute
for the Behavioral and Social Sciences**

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Officer Personnel Research Data Bases
For 1999 and 2000**

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Update of U.S. Army Research Institute's Officer Personnel Research Data Bases for 1999 and 2000

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Update of the U.S. Army Research Institute's Officer Personnel Research Data Bases for 1999 and 2000

INTRODUCTION

Since the 1970s, the U.S. Army Research Institute for the Behavioral and Social Sciences (ARI) has maintained a set of data bases that contain historical and current data on the U.S. Army officer personnel. The longitudinal and core data sets of the Officer Longitudinal Research Data Base (OLRDB) and the core data set of the Officer Standardized Educational Testing Data Base (OSETDB) were designed to be a ready source of Army career history information for analysis of career path issues such as attrition, retention, and promotion, as well as a complement to survey data collected to study leader development, organizational commitment, and other issues.

Originally, the OLRDB also consisted of four other data sets: Reserve Officer Training Corps (ROTC) Advanced Camp, ROTC Commissioning, United States Military Academy (USMA), and the Automated Instructional Management System (AIMS) data sets. The ROTC and USMA data sets contain data from 1982 through 1991 and the AIMS contains data from 1985 to 1991, and have not been updated since 1991. ROTC and USMA data sets contains pre-commissioning data while the AIMS contains post-commissioning data on performance in training. Please refer to Lori Ramsey, et al. (1992) for more information on these data sets.

The OLRDB and OSETDB are being updated every other year. The last update of the 1997-1998 cycle was completed in September 1999. The 1997-1998 OLRDB longitudinal and core data sets consist of fields selected from the 1979 through 1998 Officer Master Files (OMF), the 1979 through 1998 Separation Officer Master Files (SOMF) maintained by the U.S. Army Personnel Command (PERSCOM), and the 1992 through 1998 Voluntary Separation Incentive/Special Separation Benefit (VSI/SSB) data supplied by the Defense Manpower Data Center (DMDC). The availability of the VSI/SSB data allows researchers to gain a better understanding of the current and future impact of early separation incentive programs on officer personnel. Separation data for 1970 through 1978 from the Master and Loss File (MLF), maintained by DMDC, were also included to provide officer history during the transition to the volunteer Army.

The OSETDB core data set contains academic aptitude measures in the form of standardized scores for the Army officer corps. Standardized test data were added to Commissioned Army officer personnel records to develop the initial data set. The OLRDB core 1990 data set was utilized to identify officers commissioned between 1980 and 1990. Testing data, consisting of Scholastic Aptitude Test (SAT) scores from the Educational Testing Service (ETS) and American College Test (ACT) scores from the American College Testing Program for the academic years 1973 through 1985, were collected and matched into the officer records.

OBJECTIVES

The objectives of this project were to update the existing longitudinal and core data sets of the OLRDB and the core data set of the OSETDB with OMF, SOMF, and Voluntary Separation Incentive/Special Separation Benefit (VSI/SSB) data; and to update the OSETDB core data set with data from the OLRDB core data set. To meet these objectives, current information was added to the officer data sets as follows:

- OMF and SOMF data for 1999 and 2000 were added to the OLRDB longitudinal and core data sets to provide recent officer personnel data. To supplement separation history, early separation incentive data from the fiscal year 1999 VSI/SSB file were incorporated into the data sets.
- To capture the most recent officer personnel data, the existing data in the core section of the OSETDB core data set were replaced with data from the 1999 and 2000 OLRDB core data sets.
- To provide more extensive information on officer history, the OLRDB core data set was updated with assignment history data elements from the 1999 and 2000 OMF and SOMF data.

The following tasks were to be accomplished under this project.

1. Update the existing OLRDB longitudinal data set with the 1999-2000 source data.
2. Update the existing OSETDB longitudinal data set with the 1999-2000 source data.
3. Convert and verify the update processing from NIH mainframe Programming Language I (PL/I) programs to personal computer (PC)-based Statistical Analysis System (SAS) programs.
4. Retrieve cases that were inappropriately deleted from the OLRDB database from 1995 through 1998.
5. Extract selected OSETDB assignment history data elements and add them to the current OLRDB database.

The remainder of this report describes the activities and results of each of these tasks.

TECHNICAL APPROACH

Task 1: Update the existing OLRDB longitudinal data set with the 1999-2000 source data

The Officer Longitudinal Research Data Base (OLRDB) was designed to be updated with annual Officer Master File (OMF) and Separation Officer Master File (SOMF) data. The OLRDB longitudinal data set is a character file containing separate segments for each year of OMF history for an officer and is updated by adding annual data to fixed locations within the record. The section of the longitudinal data set containing the final or most recent officer information was also converted into a SAS file referred to as the core data set.

The source data that were used to update the OLRDB longitudinal data set consisted of the 1999 and 2000 OMF and SOMF data and the 1999 fiscal year Voluntary Separation Incentive/Special Separation Benefit (VSI/SSB) data. PERSCOM provided the OMF and SOMF data (under the data request known as DCSPER 477) and the VSI/SSB file was supplied by DMDC.

For privacy concerns, the social security numbers in the final OLRDB were replaced with a unique nine digit identification number called MATCHCOD. The encryption was performed using a complex algorithm, a copy of which has been provided to ARI for secured storage.

Task 1.1: 1999 OLRDB Updates

Initially, there were several problems associated with the FY1999 OMF and SOMF data files that ARI received from PERSCOM, resulting in unexpected delays. These problems included: (a) the cut-off date was not September 1999, (b) the record length was longer than expected, and (c) the record count for SOMF was only 10% of what was provided in previous years. Eventually, ARI received corrected data for the 1999 OMF and SOMF. The variables that were needed for the 1999 updates were extracted and frequency distributions were produced to check for invalid or out-of-range values. The FY1999 OMF file contained a total of 76,528 records. There were no duplicate or inactive records on the file. A total of 11,320 Warrant officer records were eliminated from the OMF, resulting in a final record count of 65,208. The FY1999 SOMF file contained a total of 6,943 records and no duplicates were found. A total of 993 Warrant officer records were eliminated from the SOMF, resulting in a final count of 5,950 separation records.

The fiscal year VSI/SSB source file provides separation history for officer personnel who separated from the Army under incentive programs. The separation incentive program was established in January 1992. DMDC maintains the VSI/SSB data base throughout the year by updating existing records. ARI receives a fiscal year end file. The fiscal year of the data is determined by the Program Fiscal Year data element, which is derived from the Date of Offer or from the Expiration of Term of Service (ETS)/Separation Date. A record layout supplied by DMDC was used to locate the VSI/SSB data elements that were needed for the OLRDB. To avoid duplication of information, VSI/SSB data elements were not included in the OLRDB data sets if the data were present from the OMF or SOMF source files. Beginning 2000, DMDC no

longer provides the VSI/SSB source file due to the discontinuance of the separation incentive program in the Army.

The FY1999 VSI/SSB data file was received from DMDC in November 2000. The data records were checked against the previous FY1998 data file and no discrepancies were found. The relevant variables were extracted and added to the 1999 OLRDB. The FY1999 VSI/SSB (cumulative) data file contained a total of 11,955 records and 244 of them were matched to the 1999 OMF/SOMF extract. This incentive program is being phased out by the government and, consequently, very few new records are being added to the DMDC VSI/SSB file.

The original 1998 OLRDB update program was modified and executed to add master and separation data to the appropriate segments of the existing officer records and to add new officers to the longitudinal data set. As stated in the previous reports for OLRDB updates, the OLRDB was designed to provide consistent information on the history of each officer. Officer records were eliminated from the longitudinal data set if entry or separation dates were out of range in relation to the file year or gaps in officer history were discovered. The absence of an OMF or SOMF record in the year of entry into active duty was considered a gap in the officer history. An officer record with master data in a year segment without OMF or SOMF data present in the following year also indicated a gap. As described in previous reports, these edits consistently eliminated 1% to 2% of the records from inclusion on the OLRDB data sets. [Note: a discussion of the impact of the elimination of 1-2% of the records from inclusion in the OLRDB data sets can be found later in this report.]

The update program searches for the occurrence of an officer with an OMF and SOMF record appearing in the same year and updates the existing OLRDB record following the decision rules outlined below:

- If the OMF and SOMF had the same Entry on Active Duty in Current Tour (EADC) dates, then the information from the SOMF record was used;
- If the OMF record contained a later EADC date than the SOMF, then the data from the OMF record, and the Separation Program Designator (SPD) and the separation date fields from the SOMF record, were both used;
- If a later EADC date was present on the separation record, the separation data from the SOMF record was used.

The final step of the update program was to assign the appropriate values to the master, duty, and separation flags to indicate if an officer remained or separated from active duty for each year of MLF, OMF, and SOMF data in the longitudinal data set. The master and separation flags are indicators for the 1979 through 1999 OMF and SOMF data. The duty flags were created for the 1970 through 1978 MLF data, but also denote the presence or absence of OMF data for 1979 through 2000. The final 1999 updated OLRDB contained a total of 352,991 officers and a record length of 4,413 bytes. Please refer to Appendix A and Appendix B for the variable description and record layouts of the 1999 longitudinal data sets.

The core sections of the 1999 OLRDB longitudinal data set were converted into a SAS system file with encrypted SSN. Although ARI no longer has a need for a SAS system file, the file was necessary for the processing of the OSETDB described in Task 2 below. The 1999 core data set contained a total of 204 data elements.

Task 1.2: 2000 OLRDB Updates

The FY2000 OMF file contained a total of 76,107 records. There were no duplicate or inactive records. A total of 11,318 Warrant officer records was eliminated from the OMF, resulting in a final record count of 64,789. The FY2000 SOMF file contained a total of 6,875 records and there were no duplicates. A total of 1,047 Warrant officer records was eliminated from the SOMF, resulting in a final count of 5,828 separation records.

As previously mentioned, VSI/SSB data were no longer available from DMDC after the FY1999 shipment. Consequently, the FY1999 file was used for the 2000 updates. Out of a total of 11,955 records from the FY1999 VSI/SSB, only 199 records were matched to the 2000 OLRDB data set.

The 1999 OLRDB update program was modified and executed to add master and separation data to the appropriate segments of the existing officer records and to add new officers to the 1999 longitudinal data set to create the 2000 data set. Again, the outputs generated from the 2000 updates were carefully compared with the 1999 outputs. No discrepancies were noted. The final 2000 updated OLRDB contained a total of 352,991 records with a record length of 3,949 bytes.

Up to this point, all processing and updating of the OLRDB were done using the National Institutes of Health (NIH) mainframe computers, using the computer programs developed by the previous contractor. The main goal was to maintain and verify the accuracy of the update procedures as previously performed to ensure a smooth transition. Every update procedure used in the past was followed, all necessary changes to the computer programs to accommodate the 1999-2000 updates were carefully made, and all computer-generated outputs were compared. After following these procedures, a discrepancy was found in preparing a table for the final report. The purpose of this table was to show the number of officers separated from active duty by year. According to the previous report, the number of officers separated was around 5,000. However, in year 1999 it dropped down to 3,153, and in year 2000 the number of officers separated was only 1,043.

After a thorough investigation it appeared that, since 1990 and probably even earlier, active records (as defined by having a new OMF record since the previous update) had been deleted from the OLRDB database when the current update program could not locate a master OMF or SOMF record. Over 10,000 of such records were deleted from the OLRDB database since the 1995/96 update cycles. It was discovered that the master or separation records of many cases did not show up on the OMF or SOMF file as provided by PERSCOM until the following fiscal year. Because the existing records had already been deleted from the OLRDB database during the previous update, the master or separation records were not able to post the current

information, causing the OLRDB database to lose records that were supposed to have been maintained longitudinally.

Funding for retrieving these cases was provided and an extension for the contract was approved in September 2001. Please refer to Task 4 for details.

Task 2: Update the existing OSETDB longitudinal data set with the 1999-2000 source data

The 1990 core data set of the Officer Standardized Educational Testing Data Base (OSETDB) was developed to provide academic aptitude measures for the Army officer corps in the form of standardized test scores. Standardized test scores were added to a sample group of Commissioned Army officer personnel. This sample group consisted of officers commissioned between 1980 and 1990 from the Officer Longitudinal Research Data Base (OLRDB) core data set. Refer to the "Officer Standardized Educational Testing Data" (Ramsey & Fertig, 1992) report for a description of the development and content of the OSETDB core data set.

Due to the sensitive nature of the test score information supplied by the testing services, all personal identifying fields were removed from the OSETDB. Social security numbers and the encrypted social security numbers were removed to ensure the data could not be matched to any other data files. A unique identification number (IDNUM) was added to each record. IDNUM does not correspond to any other record identifier in the officer data sets or the test data source files.

The OSETDB core data set is updated by overwriting the existing Commissioned officer records with data from the OLRDB core data set. The sample group of Commissioned officers in the OSETDB remains constant; new officer records are not added nor are existing officers removed. The OLRDB core data set contains the final or most recent officer data obtained from the OMF and SOMF data sets in addition to separation incentive data from the VSI/SSB file. Because the original OSETDB record identifiers were removed, it was not possible to directly match to other data sources, such as the OMF, SOMF, and the VSI/SSB. Consequently, the encrypted social security number was linked temporarily onto the OSETDB in order to match to other source data. Upon completion of the processing, all record identifiers, except for IDNUM, were removed from the final OSETDB data set.

Task 2.1: 1999 OSETDB Updates

The processing of the OSETDB 1999 updates involved matching the 1999 OLRDB core data set to the OSETDB and extracting the OSETDB history assignment variables from the 1999 OMF and SOMF data files. The officer personnel records from the 1999 OLRDB core data set were merged with the 1998 OSETDB core data set to create the 1999 version of the OSETDB. The OLRDB officer records that matched to the records in the OSETDB data set replaced the existing information on the OSETDB.

In order to process this step, the 1998 OSETDB core data set was first created as a SAS file and then converted into a character file. The 1999 OSETDB character file was updated with the 1999 OMF/SOMF extracts to create the final 1999 OSETDB data set. The assignment history data elements were appended to the existing OSETDB records. As a result, the data elements repeat each year from 1979 through 1999. For cases where the OMF or SOMF data element was not available in every year from the source file, missing values were assigned. Of the 71,098 records from the 1999 OMF/SOMF, 30,280 were matched to the OSETDB.

Task 2.2: 2000 OSETDB Updates

The processing of the OSETDB 2000 updates was similar to the 1999 updates and involved matching the OLRDB core data set to the OSETDB and extracting the OSETDB history assignment variables from the 2000 OMF and SOMF data files. The officer personnel records from the 2000 OLRDB core data set were merged with the 1999 OSETDB core data set to create the 2000 version of the OSETDB. The 2000 OLRDB officer records that matched records in the OSETDB data set replaced the existing information on the OSETDB. The 2000 OSETDB character file was updated with the 2000 OMF/SOMF extracts to create the final 2000 OSETDB data set. The assignment history data elements were appended to the existing OSETDB records in a longitudinal format (i.e., generating separate values for each year). As a result, the data elements repeat each year from 1979 through 2000. For cases where the OMF or SOMF data element was not available in every year from the source file, missing values were assigned. Of the 70,617 records from the 2000 OMF/SOMF, 29,273 were matched to the OSETDB.

A total of 310,020 officers is included in both of the 1999 and 2000 OSETDB data sets. Because new officer records are not added nor are existing officers removed from the OSETDB as they were in the OLRDB, the problem discussed in the previous section regarding cases being deleted did not occur in the final OSETDB data sets. Please refer to Appendix C and Appendix D for data elements and record layout of the 1999 and 2000 OSETDB data sets.

Task 3: Convert and verify the update processing from NIH mainframe Programming Language I (PL/I) programs to personal computer (PC) based Statistical Analysis System (SAS) programs

Since the creation of the longitudinal OLRDB data sets in the 1980s, the computer processing was done at the NIH mainframe computers. Over time, ARI has switched the processing of most of its research data sets from NIH to PC-based processing except for the OLRDB and OSETDB. The two main reasons are: (a) the enormous size of the data sets (the 1979-1998 OLRDB was 1.5 gigabytes), and (b) the update programs were written in PL/I programs for mainframe use.

As part of the 1999-2000 OLRDB updates, an effort was undertaken to convert the PL/I update programs to SAS, a more widely used programming language, and to test-run those programs on a PC-based platform. The 1999 updates of the OLRDB consisted of executing a total of 37 computer programs. These programs were mainly PL/I programs for extracting and updating, IBM utility programs for sorting and merging, and SAS programs for listing cases and

producing frequency distributions. After a detailed system analysis of steps involved, five SAS programs were written:

1. To extract OMF variables for OLRDB, and to sort and drop inactive and duplicate records of warrant officers from the file. This program also produces frequency distributions of all variables for checking out-of-range and invalid values
2. To extract SOMF variables for OLRDB, sort and drop warrant officers and duplicate records from the file. This program also produces frequency distribution of all variables for checking out-of-range and invalid values.
3. To merge OMF and SOMF records into one file by Entry on Active Duty in Current Tour (EADC) and convert out-of-range and invalid values to missing for all variables.
4. To extract variables from the VSI/SSB data file, and to sort and add the variables to the merged OMF/SOMF file.
5. To update the OLRDB data set with the new OMF/SOMF/VSI records where appropriate, and also to ensure that no existing officer records will be deleted.

The 1999 update programs were used as prototypes for the conversion in exploring the feasibility of updating the OLRDB on PC. The NIH cartridge tapes that contained the 1999 OMF, 1999 SOMF, and the 1999 VSI/SSB data sets were sent to a conversion service for converting the data from cartridge tapes to CD-ROM for PC use.

After each SAS program was successfully executed, the computer outputs were compared with the ones that were generated at NIH. Furthermore, at the completion of the final OLRDB, a byte-by-byte comparison of a sample of 10,000 records from the 1999 OLRDB data set generated on PC and the version generated at NIH mainframe computer was also performed, and no discrepancies were found.

With the successful creation of the 1999 OLRDB on PC using the SAS programs converted from mainframe programs, ARI no longer needs to use the NIH mainframe for processing the OLRDB.

Task 4: Retrieve cases that were inappropriately deleted from the OLRDB database from 1995 through 1998

During the data verification of the final 2000 OLRDB data set, it was found that previous updates had deleted active records from the OLRDB for lack of matching master or separation records. Although this problem probably had been in existence since the creation of the first OLRDB, it was not feasible to go all the way back to re-create the OLRDB from scratch. A further analysis showed that over 10,000 records were deleted from 1995 to 2000. Table 1 shows the number of records removed from the OLRDB from 1995 to 2000. The number of deletions

increased dramatically from 1995 to 1999, suggesting that the problem was likely less severe in earlier years.

Table 1
Number of Officer Records Deleted from OLRDB by Year

<u>Year</u>	<u>n</u>	<u>Year</u>	<u>n</u>
1995	750	1998	2,999
1996	1,440	1999	5,201
1997	2,947	2000	236

Due to resource limitations and time constraints, the decision was to go back and re-create the final OLRDB from 1995-2000 and retrieve those deleted cases. Using the SAS programs developed for the 1999 updates, the recreation began with the 1995 OLRDB updates. At the completion of each update cycle, a byte-by-byte comparison of a sample of 10,000 records from the OLRDB data set generated on PC and the version generated at NIH mainframe computer was performed in order to ensure the accuracy of the updates. This also provided another opportunity to validate the programs developed for PC. During the re-creation of the OLRDB 1995 to 2000, the previous update procedures were followed, and there were no other changes introduced except to retrieve those cases that had been deleted. Consequently, additional work was introduced because in 1995, medical variables were added to the OLRDB and therefore an extra set of programs were developed to extract the medical variables from the 1979 to 1999 OMF and SOMF files. Furthermore, in the 1997-1998 updates, all the date fields were expanded to 4-byte format (CCYY), and more program lines had to be developed to accommodate this change. At the end, the re-creation of the OLRDB 1995-2000 took longer than anticipated.

The updated 2000 OLRDB contains a total of 370,318 officer records, an increase of 10,111 records from the previously updated 2000 OLRDB. For those records that were retrieved, an OMF flag was initially set to '2' to indicate that this was an inactive record. Many of these records eventually found a master or separation record in the following year after the updates.

Table 2 represents the number of officers on active duty and Table 3 shows the number that have separated from active duty on the 2000 core data set for the years 1979 through 2000. SAS frequency counts of the separation flags were used to identify the number of officers that separated from active duty. To calculate the number of officers that were on active duty, the frequency count of the separation flag was subtracted from the frequency count of the OMF flag for each year.

Table 2
Number of Officers on Active Duty by Year

<u>Year</u>	<u>n</u>	<u>Year</u>	<u>n</u>
1979	83,198	1990	86,958
1980	81,307	1991	86,362
1981	83,257	1992	78,685
1982	84,398	1993	72,449
1983	86,562	1994	69,735
1984	88,269	1995	67,268
1985	89,913	1996	65,305
1986	90,434	1997	63,754
1987	87,581	1998	60,645
1988	87,685	1999	57,598
1989	87,325	2000	62,030

Table 3
Number of Officers Separated from Active Duty by Year

<u>Year</u>	<u>n</u>	<u>Year</u>	<u>n</u>
1979	6,602	1990	8,610
1980	7,593	1991	21,377
1981	6,331	1992	3,351
1982	6,213	1993	11,407
1983	5,796	1994	8,322
1984	6,945	1995	6,761
1985	6,543	1996	5,776
1986	7,302	1997	5,101
1987	8,418	1998	5,531
1988	7,897	1999	5,563
1989	7,936	2000	5,380

Task 5: Extract selected OSETDB assignment history data elements and add them to the current OLRDB database

As part of the 1999-2000 updates, ARI requested that a subset of the OSETDB assignment history data elements be added to the final 2000 OLRDB. The following variables were initially considered for inclusion in the OLRDB:

CADT(YY)	Current Assignment Duty Title
CAFD(YY)	Current Assignment From Date
CAL (YY)	Current Assignment Location Code
CAUN (YY)	Current Assignment Unit Number
CMDSL1(YY)	Troop Command Tour (Colonel level)
CMDTR (YY)	Troop Command Tour (Lt. Colonel level)
COLCA1 (YY)	Troop Command Date Terminated Assignment
COLTA1 (YY)	Troop Command Date Commenced Assignment
CSBAD1 (YY)-	
CSBAD5 (YY)	Combat and Special Skill Badges
DEPOS (YY)	Year-Month Departed for Overseas Tour
DEROS (YY)	Date Eligible for Return from Overseas
FAST1 (YY) -	
FAST4 (YY)	Foreign Area Officer Program (Status Code and Country Specialized)
LTCCA (YY)	Troop Command Date Commenced Assignment
LTCTA (YY)	Troop Command Date Terminated Assignment
MILD1-MILD15	Military Decorations
MILDAT1-	
MILDAT15	Military Decoration Year (derived)
SKILL1 (YY) -	
SKILL6 (YY)	Skills

The variables were extracted from 1979 to 1999 OMF/SOMF file. For the 2000 OMF/SOMF, the update program was modified to include these variables so that these variables will be added for future OLRDB updates. Before adding these variables to the 2000 OLRDB records, however, it was necessary to re-calculate all the byte positions in order to incorporate these variables into the OLRDB by year. The addition of these variables from 1979 to 2000 would have added 2,882 bytes, increasing the record length of the 2000 OLRDB from 4,645 to 7,527 bytes. With over 370,000 records already in the database, the size of this file could potentially hinder future updates of the OLRDB on a PC platform. Based on the fact that certain key variables (COLCA1, COLTA1, LTCCA, LTCTA) were not available until 1986, it was decided that the assignment history data elements would only be added to years 1986 to 2000 and variables FAST1(YY) to FAST4(YY) would not be added because these variables had been discontinued after 1994.

The final 2000 OLRDB contains a total of 370,318 officer records. The file is 2.1 gigabytes in size with a record length of 5,669 bytes. Please refer to Appendix A and Appendix B for a description of all the data elements and record layouts for the 2000 OLRDB.

Task 5.1: Accessing the OLRDB and OSETDB data sets

Both the OLRDB and OSETDB final data sets are stored in raw data format with a fixed record length. Record layouts for each of the data sets are available to identify the location of all the variables on the files. Originally, the OLRDB and OSETDB were stored on multiple 3480-cartridge tapes at NIH. With this update, PC-based processing has allowed the final data sets to be written directly to CD-ROM, eliminating the need for converting the 3480-cartridge tapes produced at NIH to CD-ROM.

To facilitate the usefulness of the data sets, several years ago SAG Corporation developed a utility program to extract selected variables and create a work file for the end-user. This program, based on data dictionaries updated for the 1999 – 2000 data sets, allow users not only to select specific variables from each data set, but also to extract subsets of records based on certain condition(s), such as entry and separation dates. The utility program produces records that can be easily imported into a statistical analysis package, such as SPSS or SAS. The availability of the data dictionaries and the utility program has greatly enhanced the accessibility of the OLRDB and OSETDB data sets.

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APPENDIX A
Data Elements of OLRDB Core Data Set

APPENDIX A

DATA ELEMENTS OF OLRDB CORE DATA SET

NOTE: Unless otherwise noted the data elements are available in both the 1999 and 2000 OLRDB Core data sets. The century was added to all date fields beginning with the 1997 and 1998 Core data sets. Date fields were expanded only in the 1997 through 2000 annual sections of the OLRDB. In 2000, a subset of variables from the OSETDB Assignment History was also added to the Core data sets, beginning with 1986 (please refer to section titled Assignment History Data Elements).

Core Data Elements from VSI/SSB Source File:

Note: Only 1999 VSI/SSB data are available from DMDC for this update.

ACPTY	Date of Acceptance of VSI or SSB (Year) 2 Characters Year of acceptance of VSI or SSB by member. Valid values include 00 (not applicable) and 99 (unknown). (If Date of Acceptance was unknown, Record Type equaled 4 or 5, and Date of Action was known, then Date of Acceptance was set to Date of Action.) NOTE: Date of Acceptance is valid for fiscal year 1992 and 1993 records.
ACPTM	Date of Acceptance (Month) 2 Characters Month of acceptance of VSI or SSB by member. Valid values include 00 (not applicable) and 99 (unknown).
ACPTD	Date of Acceptance (Day) 2 Characters Day of acceptance of VSI or SSB by member. Valid values include 00 (not applicable) and 99 (unknown).
DFASAMT	DFAS Payment Amount 6 Numeric Defense Finance Accounting Service (DFAS) record VSI or SSB payment amount.
DFASFLG	DFAS Flag 1 Character DFAS record indicator. Code Values: 0 No matching DFAS record 1 Matched DFAS record is VSI 2 Matched DFAS record is SSB

DFASMON DFAS Months of Service
3 Numeric
DFAS record VSI or SSB months of service.

JMPAMT JUMPS Payment Amount
6 Numeric
JUMPS record VSI or SSB payment amount.

JMPFLG JUMPS Flag
1 Character
Joint Uniform Military Pay System indicator.

Code Values:
0 No matched JUMPS record
2 Matched or source JUMPS record VSI payment
amount > 0 and SPD = xCA (VSI)
3 Matched or source JUMPS record SSB payment
amount > 0 and SPD = xCB (SSB)
4 Matched or source JUMPS record VSI payment
amount > 0 and SPD = xCB (SSB)
5 Matched or source JUMPS record SSB payment
amount > 0 and SPD = xCA (VSI)
6 Matched or source JUMPS record VSI payment
amount > 0 and SPD not = xCA (VSI) or xCB (SSB)
7 Matched or source JUMPS record SSB payment
amount > 0 and SPD not = xCA (VSI) or xCB (SSB)

JMPMON JUMPS Months of Service
3 Numeric
JUMPS record VSI or SSB months of service.

LOSFLG Loss Flag
1 Character
Indicates if DMDC located a Loss record in their
source files for VSI/SSB member.

Code Values:
0 No matched Loss record
1 Matched Loss record SPD not = xCA (VSI) or
xCB (SSB)
2 Matched or source Loss record SPD = xCA (VSI)
3 Matched or source Loss record SPD = xCB (SSB)

LOSSTAFM Loss TAFMS
3 Numeric
Loss record Total Active Federal Military Service
(TAFMS) months.

OFFRYY Date of Offer of VSI/SSB (Year)
 2 Characters
 Year of offer of VSI or Special Separation Benefit (SSB) to member. Valid values include 00 (not applicable) and 99 (unknown). (If Date of Offer was unknown, Record Type equaled 2, 3, 4, or 5, and Date of Acceptance was known, then Date of Offer was set to Date of Acceptance.)

OFFRMM Date of Offer of VSI/SSB (Month)
 2 Characters
 Month of offer of VSI or Special Separation Benefit (SSB) to member. Valid values include 00 (not applicable) and 99 (unknown).

OFFRDD Date of Offer of VSI/SSB (Day)
 2 Characters
 Day of offer of VSI or Special Separation Benefit (SSB) to member. Valid values include 00 (not applicable) and 99 (unknown).

PROGFY Program Fiscal Year
 2 Characters
 This data element can be used to determine the fiscal year of the VSI data. If Record Type equals 1, 2, 3, or 5, then this data element is calculated from Date of Offer; else if Record Type is equal to 0 or 4, then it is calculated from ETS Date or Date of Separation. Valid values include 00 (unknown).

PROTYP Program Type of VSI/SSB
 1 Character
 Program type of VSI/SSB submission.

 Code Values:
 0 Unknown or not applicable
 2 VSI
 3 SSB

RECTYP Record Type
 1 Character
 Record type of VSI/SSB data.

 Code Values:
 0 Member separated with Loss record SPD, JUMPS record SPD, or JUMPS record payment amount indicating receipt of VSI or SSB and there is no VSI/SSB Submission record
 1 Member offered VSI/SSB

- 2 Member accepted VSI
- 3 Member accepted SSB
- 4 Member's application for VSI or SSB approved
- 5 Member's application for VSI or SSB denied

The following codes occur in the VSI/SSB Submission files only:

- 6 Cancellation or correction of previous report of offer or acceptance of VSI or SSB
- 9 Member withdrew previous acceptance of VSI or SSB
- A Member changed to SSB after initially accepting VSI (recoded to 3 before processing)
- B Member changed to VSI after initially accepting SSB (recoded to 2 before processing)

REPFLG

Record Replacement Flag

1 Character

Indicates if DMDC replaced the VSI/SSB record in their source files.

Code Values:

- 0 Not applicable
- 1 Record Type 0 record replaced by Record Type 0 record with later effective date
- 2 Record Type 1 record replaced by Record Type 0 record with earlier effective date.
- 3 Record Type 2 or 3 record replaced by Record Type 0 record with earlier effective date.
- 4 Record Type 4 or 5 record replaced by Record Type 0 record with earlier effective date.
- 5 Record Type 5 record replaced by Record Type 1 record with later effective date.

Core Data Elements from OMF/SOMF Source File:

BABR Basic Branch for Commissioned Officers
 2 Characters
 The branch of service in which an officer is
 commissioned or to which he is subsequently transferred
 or appointed.

Code Values:

AD Air Defense Artillery
AG Adjutant General's Corps
AN Army Nurse Corps
AR Armor
AV Aviation
CA Civil Affairs/Military Government
CE Communications-Electronics
CH Chaplains
CM Chemical Corps
DE Dental Corps
EN Corps of Engineers
FA Field Artillery
FI Finance Corps
GA Administrative and Graphics
GC Army General Staff
GO General Officers
IG Inspector General
II Criminal/Intelligence Invest
IN Infantry
JA Judge Advocate General's Corps
MC Medical Corps
MI Military Intelligence Branch
MM Mechanical Maintenance
MP Military Police Corps
MS Medical Service Corps
NG National Guard Bureau
OD Ordnance Corps
PR Professor, US Military Academy
QM Quartermaster Corps
SC Signal Corps
SF Special Forces
SP Army Medical Specialist Corps
SS Staff Specialist
SV Supply and Services
TC Transportation Corps
VC Veterinary Corps
WC Rescinded

BPED Pay Entry Basic Date
 8 Characters
 The date used in computing an officer's pay by grade
 and years of service and adjusted for noncontinuous
 service as necessary. The date is stored as year,
 month, day (CCYYMMDD).

BRAOC1 Branch Area of Concentration #1
 1 Character
 The first recorded area of concentration which
 corresponds to an officer's designated Branch Code (less
 AMEDD officers). Refer to the derived data element
 BRANCH1 for the code descriptions.

NOTE: This data element is available in the OMF from
 1986 on and in the SOMF from 1987 on.

BRCD Branch Code (was Initial Specialty - INSPEC)
 2 Characters
 The initial designated specialty in which an officer
 will be managed and developed under the Officer
 Personnel Management System (OPMS). The additional
 specialty is described under the label FACD.

NOTE: This data element contains the data labeled
 "INSPEC" on the OMF from 1979 to 1986. It was renamed
 to BRCD in anticipation of the 1987 OMF update.

Code Values:

11	Infantry
12	Armor
13	Field Artillery
14	Air Defense Artillery
15	Aviation
18	Special Operations
21	Corps of Engineers
23	Contract Construction Management Engineer
25	Signal Corps
27	Communication/Electronic Engineer
28	Training Development
31	Military Police Corps
35	Military Intelligence
36	Central Intelligence Humint
37	Electronic Warfare Crypt
38	Civil Affairs (Reserve Components Only)
40-41	Personnel Management
42	Adjutant General Corps
43	Club Management
44	Finance Corps
45	Comptroller
46	Public Affairs
47	USMA Permanent Professor
48	Foreign Area Officer
49	Operational Research/Systems Analysis
50	Force Development
51	Research and Development
52	Nuclear Weapons
53	Systems Automation Officer
54	Operations, Plans and Training
55	Legal

56	Chaplain
60-62	Medical Corps
63	Dental Corps
64	Vet Corps
65	Medical Specialist Corps
66	Army Nurse Corps
67-68	Medical Service Corps
70	Logistics Management
71	Aviation Mat Management
72	Communications/Electronics Material
73	Missile Mat Management
74	Chemical Corps
75	Munitions Mat Management
76	Armament Mat Management
77	TNK/GRND Mat Management
81	Petroleum Management
82	SUBSIS Management
87	Marine and Terminal Operations
88	Transportation Management
91	Ordnance Corps
92	Quartermaster Corps
97	Procurement
99	Combat Developments

BYRGP

Basic Year Group

4 Characters

Represents the fiscal year in which the officer entered the service as a 2nd Lieutenant (2LT). The officer's basic year group will not change because of an above or below the zone promotion. The Basic Year Group is represented by the two right-most digits of the year.

NOTE: This data element can be used as the date of commission for officers on the Core Data Set.

CELC

Civilian Education Level

1 Character

Indicates the highest level of school attended or completed.

Code Values:

9	Non-high school graduate
8	High school graduate or General Education Development Test
7	Less than 2 years college, non-graduate (includes nurse)
6	2 or more years college, non-graduate (includes nurse), AA degree, AD degree, 2CX Test for 1948-53, or 2 years college equivalency
5	College graduate, baccalaureate degree from accredited college

- 4 Year or more of post-graduate, no degree
- 3 Professional, for example, (M.D., D.D.S., L.L.B., C.E., S.T.B., B.TH., D.V.M., B.L.S., and O.D.)
- 2 Master's degree from accredited university
- 1 Doctoral degree from accredited university
- A Attending for Doctorate
- B Attending for Master's
- C Attending for Professional
- D Attending for Baccalaureate
- E Attending for Associate

NOTE: When the Master and Loss File officers were added to the OLRDB Core Data Set, some of the values for this data element could not be accommodated by the OMF data values so the following new data values were defined.

- F 1 to 7 years of elementary school completed
- G 8 years of elementary school completed
- H 1 year of high school completed
- I 2 years of high school completed
- J 3 or 4 years of high school completed with no diploma and no G.E.D.
- K Master's degree received or other professional degrees beyond college other than a doctorate

COBO

Country or State of Birth, Officer

2 Characters

The state of the United States or the foreign country where the officer was born. Codes 01-56 are used to identify the State of birth. Geopolitical codes are used to identify the country of birth.

Code Values:

- AC Antigua
- AF Afghanistan
- AG Algeria
- AK Alaska
- AL Albania
- AN Andorra
- AO Angola
- AQ American Samoa
- AR Argentina
- AS Australia
- AU Austria
- AV Anguilla
- AY Antarctica
- BA Bahrain
- BB Barbados
- BC Botswana
- BD Bermuda
- BE Belgium
- BF Bahamas

BG	Bangladesh
BH	Belize
BL	Bolivia
BM	Burma
BP	Solomon Islands
BQ	Navassa Island
BR	Brazil
BT	Bhutan
BU	Bulgaria
BV	Bouvet Island
BX	Brunei
BY	Burundi
BZ	Germany, Berlin
CA	Canada
CB	Cambodia
CD	Chad
CE	Sri Lanka
CF	Congo
CG	Zaire
CH	China
CI	Chile
CJ	Cayman Islands
CK	Cocos (Keeling) Islands
CM	Cameroon
CN	Comoros
CO	Colombia
CQ	Northern Mariana Islands
CS	Costa Rica
CT	Central African Republic
CU	Cuba
CV	Cape Verde
CW	Cook Islands
CY	Cyprus
CZ	Czechoslovakia
DA	Denmark
DM	Benin
DO	Dominica
DR	Dominican Republic
EC	Ecuador
EG	Egypt
EI	Ireland
EK	Equatorial Guinea
EQ	Canton Islands
ES	El Salvador
ET	Ethiopia
EU	Europe
FA	Falkland Islands
FG	French Guiana
FI	Finland
FJ	Fiji
FO	Faeroe Islands
FP	French Polynesia
FR	France
FS	French Southern and Antarctic Lands

FT	French Territory Afars and Issas
GA	Gambia, The
GB	Gabon
GC	German Democratic Republic
GE	Germany, Federal Republic of
GH	Ghana
GI	Gibraltar
GJ	Grenada
GL	Greenland
GP	Guadeloupe
GQ	Guam
GR	Greece
GS	Gilbert Islands
GT	Guatemala
GU	Guam
GV	Guinea
GY	Guyana
GZ	Gaza Strip
HA	Haiti
HI	Hawaii
HK	Hong Kong
HM	Heard Island and McDonald Islands
HO	Honduras
HU	Hungary
IC	Iceland
ID	Indonesia
IN	India
IO	British Indian Ocean Territory
IQ	U. S., Pacific Islands
IR	Iran
IS	Israel
IT	Italy
IU	Israel-Syria Demilitarize Zone
IV	Ivory Coast
IW	Israel-Jordan Demilitarize Zone
IY	Iraq-Saudi Arabia Neutral Zone
IZ	Iraq
JA	Japan
JM	Jamaica
JO	Jordan
JQ	Johnston Atoll
JS	Svalbard
KE	Kenya
KN	Korea, Democratic Peoples Republic of
KS	Korea, Republic of
KT	Christmas Island
KU	Kuwait
LA	Laos
LE	Lebanon
LI	Liberia
LS	Liechtenstein
LT	Lesotho
LU	Luxembourg
LY	Libya

MA	Madagascar
MB	Martinique
MC	Macao
MG	Mongolia
MH	Montserrat
MI	Malawi
ML	Mali
MN	Monaco
MO	Morocco
MP	Mauritius
MQ	Midway Islands
MR	Mauritania
MT	Malta
MU	Oman
MV	Maldives
MX	Mexico
MY	Malaysia
MZ	Mozambique
NA	Netherlands, Antilles
NC	New Caledonia
NE	Niue
NF	Norfolk Island
NG	Niger
NH	New Heberdes
NI	Nigeria
NL	Netherlands
NO	Norway
NP	Nepal
NQ	Trust Territory of the Pacific Islands
NR	Nauru
NS	Suriname
NU	Nicaragua
NZ	New Zealand
PA	Paraguay
PC	Pitcairn Islands
PE	Peru
PF	Paracel Islands
PG	Spratly Islands
PK	Pakistan
PL	Portugal
PM	Panama
PO	Poland
PP	Papua New Guinea
PQ	Canal Zone
PR	Puerto Rico
PU	Guinea-Bissau
QA	Qatar
RE	Reunion
RO	Romania
RP	Philippines
RQ	Puerto Rico
RW	Rwanda
SA	Saudi Arabia
SB	St. Pierre and Miquelon

SC	St. Christopher and Nevis
SE	Seychelles
SF	South Africa
SG	Senegal
SH	St. Helena
SL	Sierra Leone
SM	San Marino
SN	Singapore
SO	Somalia
SP	Spain
ST	St. Lucia
SU	Sudan
SW	Sweden
SY	Syria
SZ	Switzerland
TC	United Arab Emirates
TD	Trinidad and Tobago
TE	Tromelin Islands
TH	Thailand
TK	Turks and Caicos Islands
TL	Tokelau Island
TN	Tonga
TO	Togo
TP	Sao Tome and Principe
TQ	Pacific Trust Territory
TS	Tunisia
TU	Turkey
TV	Tuvalu
TW	China/Taiwan
TZ	Tanzania
UG	Uganda
UK	United Kingdom
UR	Union of Soviet Socialist Republics
US	United States
UV	Upper Volta
UY	Uruguay
U4	Estonia
U8	Latvia
U9	Lithuania
VC	St. Vincent and the Grenadines
VE	Venezuela
VI	British Virgin Islands
VM	Vietnam
VQ	Virgin Islands
VT	Vatican City
WA	South West Africa
WF	Wallis and Futuna
WH	Western Sahara
WQ	Wake Island
WS	Western Somoa
WZ	Sealiland
XX	Not Applicable
YE	Yemen, Sanaa
YO	Yugoslavia

YS	Yemen, Aden
YY	Unknown
ZA	Zambia
ZI	Zimbabwe
01	Alabama
02	Alaska
04	Arizona
05	Arkansas
06	California
08	Colorado
09	Connecticut
10	Delaware
11	District of Columbia
12	Florida
13	Georgia
15	Hawaii
16	Idaho
17	Illinois
18	Indiana
19	Iowa
20	Kansas
21	Kentucky
22	Louisiana
23	Maine
24	Maryland
25	Massachusetts
26	Michigan
27	Minnesota
28	Mississippi
29	Missouri
30	Montana
31	Nebraska
32	Nevada
33	New Hampshire
34	New Jersey
35	New Mexico
36	New York
37	North Carolina
38	North Dakota
39	Ohio
40	Oklahoma
41	Oregon
42	Pennsylvania
44	Rhode Island
45	South Carolina
46	South Dakota
47	Tennessee
48	Texas
49	Utah
50	Vermont
51	Virginia
53	Washington
54	West Virginia

55 Wisconsin
56 Wyoming

COMPT Service Component
1 Character
A basic subdivision of the military services primarily indicating the type of obligation the individual is fulfilling.

Code Values:

R Regular Army (RA) - United States Army
V Army Reserve (USAR)
G National Guard of the United States (NGUS)
T Army of the United States (AUS)
Z Unknown

CPPN Current Procurement Program Number
2 Character
An identification of the source from which commissioned or appointed, or the reason for return to the active army once separated or dropped from the rolls. The code values for this data element can be obtained from Army Regulation AR 601-110 and the OMF Users Information Manual.

CURSA Current Service Agreement
1 Character
The conditions under which an officer, voluntarily or involuntarily, is retained on active duty. Not applicable to Regular Army (RA) officers.

Code Values:

- 1 Voluntarily extended on active duty for a period not to exceed 8 years of Active Federal Commissioned Service, for an officer formerly having a Service Agreement code "7".
- 2 Voluntarily extended on active duty until Regular Army integration, for an officer formerly having a Service Agreement code "1".
- 4 Active duty voluntarily extended for a probationary period (1 year) prior to action taken on final voluntary indefinite status, for an officer formerly having a code "7"
- 5 Short term extension (1-36 months) of initial tour of active duty for an officer formerly having a code "7"
- 6 Short term extension (1-36 months) of initial tour of active duty, for an officer formerly having a Service Agreement code "8"
- 7 Obligated volunteer officer serving an initial tour of active duty

- 8 Involuntary Officer
- 9 Active duty voluntarily extended for an indefinite period, for an officer formerly having a code "4"
- A Retained-critical shortage/outstanding performance/operational necessity
- B Statutory Tour Officer
- C US Property and Fiscal Officer
- D Selective Service Officer
- E Retired and Recalled Officer
- F Retained as exception to age and service policy
- G National Guard Officer, Extended Active Duty: Identifies National Guard members serving on active duty for a period of 20 to 30 months in active Army positions
- H Officer voluntarily retained beyond scheduled release date (1-90 days) based on Hardship circumstance
- J Not extended on active duty, for an officer formerly having a Service Agreement Code 1
- L Retained beyond retirement eligibility of LTCs and COLs for 28 or 30 years of Active Federal Service respectively; if selected by boards against qualifications governing RA promotion
- N Not extended on active duty, for an officer formerly having a Service Agreement Code 7
- P Retained on the basis of selection for promotion to W3, W4, MAJ, LTC or COL
- U Retained beyond retirement eligibility date on the basis of being selected for retention for the first 3 year increment under LRADP (Managed tenure)
- V Retained beyond retirement eligibility date on the basis of being selected for retention for the second 3 year increment under LRADP (Managed tenure)
- W Retained beyond retirement eligibility date on the basis of being selected for retention for the 4 year and final increment under LRADP (Managed tenure)
- X Retained for other reasons

DOB

Date of Birth

8 Characters

The year, month and day (CCYYMMDD) an officer was born as verified by birth certificate or other acceptable document.

DTRA Basic Date of RA/USAR/NGUS Appointment
8 Characters
The date reflects all creditable service for use in determining eligibility for promotion. The date is stored as year, month and day (CCYYMMDD).

NOTE: This data element is supposed to be the "official" date of commission from 1984 on. However, upon examination of the OMF records used to build the Core Data Set, the date of Entry on Active Duty in Current Tour (EADC) or the Basic Year Group (BYRGP) were found to be more reliable.

EADC Date of Entry on Active Duty in Current Tour
8 Characters
The year, month and day (CCYYMMDD) an officer is commissioned and takes the oath, if component is Regular Army; or the year, month and day the officer enters active duty based on computation of travel IAW the JTR, if component is other than Regular Army.

NOTE: This data element can be used as the date of commission for officers on the Core Data Set.

ETHGP Ethnic Group Designation
1 Character
Identifies segments of the population that possess common characteristics and a cultural heritage significantly different from that of the general population.

Code Values:

6	Mexican-American
4	Puerto Rican
9	Cuban-American
1	Other Hispanic Descent
G	Chinese
J	Japanese
K	Korean
5	Filipino
3	Other Asian-American
2	US/Canadian Indian Tribes
8	Aleutian
7	Eskimo
X	Other
Z	Unknown
D	Indian; persons from India and their descendants
E	Melanesian
L	Polynesian
V	Vietnamese
W	Micronesian

- S Latin American; persons from Central and South America and their descendants
- Q Other Pacific Island Descent; persons from the Pacific Islands, other than Melanesian, Micronesian, or Polynesian

FAAOC1 Functional Area of Concentration
1 Character
The first recorded area of concentration which corresponds to an officer's designated Functional Branch (less AMEDD officers). Refer to the derived data element FUNCTNL1 for the code descriptions.

NOTE: This data element is available in the OMF from 1986 on and in the SOMF from 1987 on.

FACD Functional Area Code (was Additional Specialty - ADSPEC)
2 Characters
The additional designated specialty in which an officer will be managed and developed under the Officer Personnel Management System (OPMS). The initial specialty is described under the label BRCD. The code values listed under BRCD also apply to this data element.

NOTE: This data element contains the data labeled "ADSPEC" on the OMF from 1979 to 1986. It was renamed to FACD in anticipation of the renaming projected for the 1987 OMF update.

MARST Marital Status
1 Character
The legal status of an individual as it relates to marriage.

Code Values:
A Annulled
D Divorced
I Interlocutory
J Married to Service Member
L Legally Separated
M Married
S Single
W Widowed

NOTE: To incorporate data values found on MLF-based records for which no exact match could be found on the OMF, the following data values were added:

- 0 Unknown
- 1 Any Unmarried Category (single, divorced, etc.)

MEL

Military Education Level

1 Character

Indicates the highest Military Schooling Credit (attended, non-resident or constructive) attained during the officer's current status only (i.e., as a commissioned officer). Also included are commissioned officers selected to attend Senior Service Schools.

Code Values:

- 1 Senior Service College Graduate (includes Foreign SSC, Army War College Corresponding Studies, SSC Selectee for the next class and Constructive Credit Awards)
- 2 Senior Service College Resident Selectee - but Deferred (Foreign and US)
- 3 Army War College Corresponding Studies - Selectee
- 4 Staff College Level Graduate (includes Selectee for the next class, Resident, Non-resident, Constructive Credit, and Foreign Schools)
- 5 Staff College Level Selectee - but Deferred Graduate
- 6 Branch Advanced Course Graduate (Resident or Non-Resident)
- 7 Branch Basic Course Graduate (Resident or Non-Resident)
- 8 Specialist Course Graduate (Resident or Non-Resident)
- L Combined Arms and Service Staff School (CAS3) Phase I-Enrollee
- M Combined Arms and Service Staff School (CAS3) Phase I-Completed
- N Combined Arms and Service Staff School (CAS3) Phase I-Graduate
- A Warrant Officer Senior Course (attended/constructive credit)
- B Warrant Officer Advanced Course (attended/constructive credit)
- C Warrant Officer Entry Course (attended/constructive credit)
- D Warrant Officer functional or Skill Refinement Course (attended/constructive credit)
- F Warrant Officer Senior Course (deferred)

	G	Warrant Officer Senior Course (Non-Resident Enrollee)
	H	Warrant Officer Advanced Course (Non-Resident Enrollee)
	S	C&GSC (Non-Resident Enrollee)
	T	Advanced Course Non-Resident Enrollee
	Y	None

NODA	Number of Adult Dependents
	2 Numeric
	The number of persons, 21 years of age or older, who are authorized dependents of the sponsor.
	Code Values:
	0 No adult dependents
	1-99 Number of adult dependents

ORAPT	Type of Original Appointment
	1 Character
	The Service Component in which a commissioned officer received his original appointment.
	Code Values:
	R Regular Army
	V US Army Reserve
	G National Guard of the US
	T Army of the US

PHDT1	Date of Temporary Grade - 2nd Lieutenant
	8 Characters
	The year, month and day (CCYYMMDD) of rank for the temporary grade of 2nd Lieutenant.

PHDT2	Date of Temporary Grade - 1st Lieutenant
	8 Characters
	The year, month and day (CCYYMMDD) of rank for the temporary grade of 1st Lieutenant.

PHDT3	Date of Temporary Grade - Captain
	8 Characters
	The year, month and day (CCYYMMDD) of rank for the temporary grade of Captain.

PHDT4	Date of Temporary Grade - Major
	8 Characters
	The year, month and day (CCYYMMDD) of rank for the temporary grade of Major.

PHDT5 Date of Temporary Grade - Lieutenant Colonel
 8 Characters
 The year, month and day (CCYYMMDD) of rank for the
 temporary grade of Lieutenant Colonel.

PHDT6 Date of Temporary Grade - Colonel
 8 Characters
 The year, month and day (CCYYMMDD) of rank for the
 temporary grade of Colonel.

PHDT7 Date of Temporary Grade - Brigadier General
 8 Characters
 The year, month and day (CCYYMMDD) of rank for the
 temporary grade of Brigadier General.

PHDT8 Date of Temporary Grade - Major General
 8 Characters
 The year, month and day (CCYYMMDD) of rank for the
 temporary grade of Major General.

PHDT9 Date of Temporary Grade - Lieutenant General
 8 Characters
 The year, month and day (CCYYMMDD) of rank for the
 temporary grade of Lieutenant General.

PHDT10 Date of Temporary Grade - General
 8 Characters
 The year, month and day (CCYYMMDD) of rank for the
 temporary grade of General.

PPPN Previous Procurement Program Number
 2 Character
 The original Procurement Program Number of officers
 who have been integrated into the Regular Army from
 another component while on active duty. The code
 values for this data element can be obtained from Army
 Regulation AR 601-110 and the OMF Users Information
 Manual.

RCEAS1 Academic Specialty Code - Level 1
 3 Characters
 The code describing the academic specialty associated
 with the highest degree received by an officer. The
 code values can be found in Appendix A of the OMF
 Information Manual.

RCEAS2 Academic Specialty Code - Level 2
 3 Characters
 The code describing the academic specialty associated with the second highest degree received by an officer, if two were received. The code values can be found in Appendix A of the OMF Users Information Manual.

RCEAS3 Academic Specialty Code - Level 3
 3 Characters
 The code describing the academic specialty associated with the third highest degree received by an officer, if three were received. The code values can be found in Appendix A of the OMF Users Information Manual.

REDCAT Racial/Ethnic Descent Category
 1 Character
 Describes the standard classifications based on the combination of race and ethnic codes.

 Code Values:
 T American Indian or Alaskan Native
 A Asian or Pacific Islander
 C White, Not Hispanic
 H Hispanic
 N Black, Not Hispanic
 X Other/Unknown

SEPDT Separation Date
 8 Characters
 The year, month and day (CCYYMMDD) on which an officer was separated from active duty.

 NOTE: This data element is blank unless the officer has separated. In cases where an officer has multiple separations in the span of years stored on the OLRDB data sets, this data element contains the date of the last separation in the SAS Core Data Set. However, up to 5 separations are recorded on the Longitudinal Data Set.

SEX Sex
 1 Character
 The gender of the officer.

 Code Values:
 M Male
 F Female
 Z Unknown

SOC

Source of Original Appointment

1 Character

The organization from which a commissioned officer received his original appointment.

Code Values:

A US Military Academy Graduate
 B US Naval Academy Graduate
 C US Air Force Academy Graduate
 D US Coast Guard Academy Graduate
 E US Merchant Marine Academy Graduate
 F Air National Guard Academy of Military Sciences
 G ROTC/Naval ROTC (Scholarship)
 H ROTC/Naval ROTC (Non-Scholarship)
 J OCS, AOCS, OTS
 K Aviation Cadet

NOTE: When the Master and Loss File officers were added to the OLRDB core data, some of the values for this data element could not be accommodated by the Officer Master File (OMF) data values so new data values were defined.

L National Guard State Officers Candidate School
 M Direct Appointment, Professional
 N Direct Appointment, All Others
 P Aviation Training Program exclusive of OCS, AOCS, OTS, PLC
 Q OCS-Distinguished Military Graduate
 R ROTC-Distinguished Military Graduate
 S Reserve Officer Training Corps
 T Direct Appointment
 U National Guard of the United States
 X Other
 4 OCS or OTS: Direct Procurement
 5 OCS or OTS: In-Service Procurement
 6 OCS or OTS: Either Direct or In-Service Procurement (cannot differentiate)
 9 Aviation Training Program exclusive of OCS or OTS

SPD

Separation Program Designation

3 Characters

The reason an officer separated from active duty. The code values for this data element can be obtained from Army Regulation 635-5-1, Separation Program Designators (Department of the Army Headquarters).

NOTE: This data element is blank unless the officer has separated. In cases where an officer has multiple separations in the span of years stored on the OLRDB, this data element contains the separation program designation for the last separation in the SAS Core Data Set. However, up to 5 separations are recorded on the Longitudinal Data Set.

TDOR Date of Rank, Temporary Grade
 8 Characters
 The year, month, and day (CCYYMMDD) that an officer was
 promoted to his current temporary grade. Establishes
 the relative seniority of individuals within the same
 grade, primarily for use in promotion actions.

NOTE: This data element is the date on which the rank
 for the officer (TGRA) was achieved. It is not
 reflected in the promotion history data element.

TGPGC Temporary Grade/Promotable Grade Code
 1 Character
 The grade code of an officer who is in a promotable
 status.

Code Values:

A	Promotable grade code for G A, GEN, LTG, M G, and B G
B	Promotable grade code for COL
C	Promotable grade code for LTC
D	Promotable grade code for MAJ
E	Promotable grade code for CPT
F	Promotable grade code for 1LT
G	Promotable grade code for 2LT
U	Promotable grade code for CW4
V	Promotable grade code for CW3
W	Promotable grade code for CW2
X	Promotable grade code for WO1

TGRA Temporary Grade
 6 Characters
 A field containing the standard grade abbreviation of
 the temporary grade held by an officer. This data
 element is the last or current rank for the officer.
 The date on which this rank was achieved is stored in
 the data element TDOR. It is not reflected in the
 promotion history data elements.

Code Values:

G A	General of the Army
GEN	General
LTG	Lieutenant General
M G	Major General
B G	Brigadier General
COL	Colonel
LTC	Lieutenant Colonel
MAJ	Major
CPT	Captain
1LT	First Lieutenant
2LT	Second Lieutenant
UNK	Unknown

NOTE: When the Master and Loss File officers were added to the OLRDB Core Data Set, some of the values for this data element could not be accommodated by the Officer Master File (OMF) values, therefore, these data values were defined as unknown.

UUIC

Parent Unit Designator and Descriptive Designator
5 Characters

Represents the U.S. Army Reserve or National Guard unit which was called up for Active Duty during mobilization. Used to identify officers who entered active duty when their particular Reserve or National Guard units were activated under emergency mobilization. See AR 18-50-11 for code values.

NOTE: This data element is available in the OMF and the SOMF from 1990 on.

Assignment History Data Elements:

In the 1999-2000 OLRDB updates, a subset of the OSETDB Assignment History data elements are extracted and added to the OLRDB CORE data sets. Data are available from 1986 through 2000 unless otherwise indicated [Note: YY=86-00].

CADT(YY) Current Assignment Duty Title
24 Characters
An alpha and numeric description of the duty which
The officer is performing (abbreviated as required).

CAFD(YY) Current Assignment From Date
6 Characters (yyymmdd) 1986-1997
8 Characters (ccyyymmdd) 1998-2000
A description of the officer's current assignment
from date. The from date will represent Date
of Entry on Active Duty in Current Tour, Reporting
Date or the effective date of change for a unit
Re-designation, correction, or change in duty
title, as applicable.

CAL(YY) Current Assignment Location Code
3 Characters
A code indicating the Army area and state or
foreign country where an officer's unit is located.
The first position contains the Army location
number 1, 3, 5-7, the last two positions contain
the alphabetic state abbreviation, or all 3
positions contain a foreign country abbreviation.
NOTE: CAL(YY) is available from 1986-1997.
See CYLU(YY) for 1998-2000.

CAUN(YY) Current Assignment Unit Number
4 Characters
Used in conjunction with Unit Designation to
identify the individual's unit of assignment. The
codes are established by Deputy Chief of Military
Operations.

CMDSL1(YY) Troop Command Tour
3 Characters
Contains troop command assignment data for Colonel level.
NOTE: CMDSL1(YY) is available from 1986-1997.
See CMDSL5(YY) for 1998-2000.

- Code Values:
- 01 Principal Command Designee Deferred Colonel Level
 - 01A Combat Arms
 - 01B Combat Support Arms
 - 01C Logistics Troop Command
 - 01D Combat Service Support
 - 01E Project Manager
 - 01F District Engineer
 - 01G Aviation Command
 - 01H Joint Proponent Command
 - 02 Commanded a HQDA Command Designated Unit at the Colonel Level
 - 02A Combat Arms (TOE)
 - 02B Combat Support Arms (TOE)
 - 02C Combat Service Support (TOE)
 - 02D Combat Service Support (TDA)
 - 02E District Engineer (TDA)
 - 02F Aviation Command (TOE)
 - 02G Aviation Command (TDA)
 - 02J Joint Command (TDA)
 - 02K Combat Arms (TDA)
 - 02L Combat Support Arms (TDA)
 - 02P Project Manager
 - 02T Training Command (TDA)
 - 03 Principal Designee Colonel Level (Temporary Entry)
 - 03A Combat Army (TOE)
 - 03B Combat Support Arms (TOE)
 - 03C Combat Service Support (TOE)
 - 03D Combat Service Support (TDA)
 - 03E District Engineer (TDA)
 - 03F Aviation Command (TOE)
 - 03G Aviation Command (TDA)
 - 03J Joint Command (TDA)
 - 03K Combat Arms (TDA)
 - 03L Combat Support Arms (TDA)
 - 03P Project Manager
 - 03T Training Command (TDA)
 - 04 Alternate Designee Colonel Level (Temporary Entry)
 - 04A Combat Arms
 - 04B Combat Support Arms
 - 04C Combat Service Support
 - 04P Project Manager
 - 05 Declined Command Colonel Level

- 05A Combat Arms (TOE)
 - 05B Combat Support Arms (TOE)
 - 05C Combat Service Support (TOE)
 - 05D Combat Service Support (TDA)
 - 05E District Engineer (TDA)
 - 05F Aviation Command (TOE)
 - 05G Aviation Command (TDA)
 - 05J Joint Command (TDA)
 - 05K Combat Arms (TDA)
 - 05L Combat Support Arms (TDA)
 - 05P Project Management
 - 05T Training Command (TDA)
- 06 Commanded at the LTC Level Prior to Implementation of HQDA Centralized Command Selection
- 06A Combat Arms Troop Command (TOE)
 - 06B FAO (Special Forces, Psyop, Civil Affairs) (TOE)
 - 06C Aviation Command (TOE)
 - 06D Training Battalion Command (TOE)
 - 06E Combat Support Arms Troop Command (TOE)
 - 06F Combat Support Arms Management Command (TOE)
- 06G Combat Service Support Arms Troop Command (TOE)
- 06H Combat Service Support Arms Management Command (TOE)
- 07 Commanded a HQDA Command Designated Unit at the LTC Level (TOE)
- 07A Combat Arms Troop Command (TOE)
 - 07B FAO (Special Forces, Psyop, Civil Affairs) (TOE)
 - 07C Aviation Command (TOE)
 - 07D Training Battalion Command (TOE)
 - 07E Combat Support Arms Troop Command (TOE)
 - 07F Combat Support Arms Management Command (TOE)
 - 07G Combat Service Support Arms Troop Command (TOE)
 - 07H Combat Service Support Arms Management Command (TOE)
- 08 Commanding HQDA Command Designated Unit at the LTC Level (TOE)
- 08A Combat Arms Troop Command (TOE)
 - 08B FAO (Special Forces, Psyop, Civil Affairs) (TOE)
 - 08C Aviation Command (TOE)
 - 08D Training Battalion Command (TOE)
 - 08E Combat Support Arms Troop Command (TOE)
 - 08F Combat Support Arms Management Command (TOE)
 - 08G Combat Service Support Arms Troop Command (TOE)

- 08H Combat Service Support Arms Management Command (TOE)
- 09 Principal Command Designee LTC Level (TOE)
 - 09A Combat Arms Troop Command (TOE)
 - 09B FAO (Special Forces, Psyop, Civil Affairs) (TOE)
 - 09C Aviation Command (TOE)
 - 09D Training Battalion Command (TOE)
 - 09E Combat Support Arms Troop Command (TOE)
 - 09F Combat Support Arms Management Command (TOE)
 - 09G Combat Service Support Arms Troop Command (TOE)
 - 09H Combat Service Support Arms Management Command (TOE)
- 11 Ineligible for Command Consideration
 - 11A Retirement
 - 11B Separation
 - 11C OBV
 - 11D PR (USMA)
 - 11E Other
 - 11F Declined Consideration
 - 11G Declined Command (LTC)
 - 11H Relieved
 - 11K PAP (USMA)
 - 11O Former PM
 - 11P Declined Product Manager
- 12 Commanding HQDA Command Designated Unit at the Colonel Level
 - 12A Combat Arms (TOE)
 - 12B Combat Support Arms (TOE)
 - 12C Combat Service Support (TOE)
 - 12D Combat Service Support (TDA)
 - 12E District Engineer (TDA)
 - 12F Aviation Command (TOE)
 - 12G Aviation Command (TDA)
 - 12J Joint Command (TDA)
 - 12K Combat Arms (TDA)
 - 12L Combat Support Arms (TDA)
 - 12P Project Manager
 - 12T Training Command (TDA)
 - 13A Company Level Command for Company Grade Officers
- 14 Principal Command Designee Deferred LTC Level
 - 14A Combat Arms Troop Command
 - 14B FAO (Special Forces, Psyop, Civil Affairs)
 - 14C Aviation Command
 - 14D Training Battalion Command
 - 14E Combat Support Arms Troop Command
 - 14F Combat Support Arms Management Command

- 14G Combat Service Support Arms Troop Command
 - 14H Combat Service Support Arms Management Command
 - 14P Deferred Product Manager - HQDA Centralized Selection
- 26 Commanded at the LTC Level Prior to Implementation of HQDA Centralized Command Selection (TDA)
- 26A Combat Arms Troop Command (TDA)
 - 26B FAO (Special Forces, Psyop, Civil Affairs) (TDA)
 - 26C Aviation Command (TDA)
 - 26D Training Battalion Command (TDA)
 - 26E Combat Support Arms Troop Command (TDA)
 - 26F Combat Support Arms Management Command (TDA)
 - 26G Combat Service Support Arms Troop Command (TDA)
 - 26H Combat Service Support Arms Management Command (TDA)
 - 26P Product Manager (PM) Prior to HQDA Centralized Command Selection
- 27 Commanded a HQDA Command Designated Unit at the LTC Level (TDA)
- 27A Combat Arms Troop Command (TDA)
 - 27B FAO (Special Forces, Psyop, Civil Affairs) (TDA)
 - 27C Aviation Command (TDA)
 - 27D Training Battalion Command (TDA)
 - 27E Combat Support Arms Troop Command (TDA)
 - 27F Combat Support Arms Management Command (TDA)
 - 27G Combat Service Support Arms Troop Command (TDA)
 - 27H Combat Service Support Arms Management Command (TDA)
 - 27P Former Product Manager - HQDA Centralized Selection (TDA)
- 28 Commanding HQDA Command Designated Unit at the LTC Level (TDA)
- 28A Combat Arms Troop Command (TDA)
 - 28B FAO (Special Forces, Psyop, Civil Affairs) (TDA)
 - 28C Aviation Command (TDA)
 - 28D Training Battalion Command (TDA)
 - 28E Combat Support Arms Troop Command (TDA)
 - 28F Combat Support Arms Management Command (TDA)
 - 28G Combat Service Support Arms Troop Command (TDA)
 - 28H Combat Service Support Arms Management Command (TDA)
 - 28P Serving Product Manager - HQDA Centralized Selection (TDA)

- 29 Principal Command Designee LTC Level (TDA)
 - 29A Combat Arms Troop Command (TDA)
 - 29B FAO (Special Forces, Psyop, Civil Affairs) (TDA)
 - 29C Aviation Command (TDA)
 - 29D Training Battalion Command (TDA)
 - 29E Combat Support Arms Troop Command (TDA)
 - 29F Combat Support Arms Management Command (TDA)
 - 29G Combat Service Support Arms Troop Command (TDA)
 - 29H Combat Service Support Arms Management Command (TDA)
 - 29P Designee Product Manager - HQDA Centralized Selection (TDA)

CMDSL5 (YY) Troop Command Tour
 5 Characters
 Contains troop command assignment data for Colonel level.
 NOTE: CMDSL5 (YY) is available from 1998-2000.
 See CMDSL1 (YY) for 1986-1997.

CMDTR (YY) Troop Command Tour
 3 Characters
 Contains troop command assignment data for Lt. Colonel level.
 NOTE: CMDTR (YY) is available from 1986-1997.
 See CMDTR5 (YY) for 1998-2000.

Code Values:
 Refer to data element CDMSL1 (YY) for the 1986-1997 code values.

CMDTR5 (YY) Troop Command Tour
 5 Characters
 Contains troop command assignment data for Lt. Colonel level.
 NOTE: CMDTR5 (YY) is available from 1998-2000.
 See CMDTR (YY) for 1986-1997.

COLCA1 (YY) Troop Command Date Terminated Assignment
 6 Characters (yyymmdd) 1986-1997
 8 Characters (ccyyymmdd) 1998-2000
 The date an individual completed serving in a Colonel level command position.

COLTA1 (YY) Troop Command Date Commenced Assignment
 6 Characters (yyymmdd) 1986-1997
 8 Characters (ccyyymmdd) 1998-2000

The date an individual began serving in a Colonel level command position.

CSBAD1(YY) - Combat and Special Skill Badges
CSBAD5(YY) 2 Characters
A recognition to denote proficiency in performance of duties under hazardous conditions and circumstances of extraordinary hardship as well as special qualifications and successful completion of prescribed courses of training.

Code Values:

CI	Combat Infantryman Badge
EI	Expert Infantryman Badge
CM	Combat Medical Badge
EM	Expert Field Medical Badge
MP	Master Parachutist Badge (Group 1)
SP	Senior Parachutist Badge (Group 1)
PC	Parachutist Badge (Group 1)
MA	Master Army Aviator (Group 2)
SA	Senior Army Aviator (Group 2)
AV	Army Aviator (Group 2)
FN	Naval Flight Officer Insignia
MS	Master Flight Surgeon (Group 3)
SS	Senior Flight Surgeon (Group 3)
FS	Flight Surgeon (Group 3)
MD	Master Diver (Group 4)
FC	First-Class Diver (Group 4)
SL	Salvage Diver (Group 4)
SC	Second-Class Diver (Group 4)
SD	Scuba Diver (Group 4)
ND	Naval Diving Officer Insignia (Group 4)
ME	Master Explosive Ordnance Disposal (Group 5)
SE	Senior Explosive Ordnance Disposal (Group 5)
ED	Explosive Ordnance Disposal (Group 5)
GB	Glider Badge
PF	Pathfinder Badge
AA	Air Assault Badge
MC	Master Aircraft Crewman (Group 6)
SB	Senior Aircraft Crewman (Group 6)
AC	Aircraft Crewman (Group 6)
NA	U.S. Navy Aircrew Insignia (Group 6)
NC	Nuclear Reactor, Reactor Commander (Group 7)
NP	Nuclear Reactor, Plant Supervisor (Group 7)
SN	Nuclear Reactor, Shift Supervisor (Group 7)
NF	Nuclear Reactor, First Class (Group 7)
NS	Nuclear Reactor, Second Class (Group 7)
NB	Nuclear Reactor, Basic (Group 7)
AM	Air Force Missile Badge
RT	Ranger Tab
SF	Special Forces Tab
DM	Driver and Mechanic Badge
IS	U.S. Distinguished International Shooter Badge

DR Distinguished Rifleman Badge
 PS Distinguished Pistol Shot Badge
 ER Excellence in Competition Badge, Rifleman
 EP Excellence in Competition Badge, Pistol
 PH President's Hundred Tab
 FA Air Force Flight Nurse Badge
 FB Air Force Navigator/Observer Badge
 FD Air Force Master Space Badge
 FE Air Force Senior Space Badge
 FF Air Force Basic Space Badge
 FG USAF Security Police Qualification Badge,
 Basic
 FH USAF Air Weapons Controller Badge
 FI USAF Air Traffic Controller Badge, Master
 FJ USAF Air Traffic Controller Badge, Senior
 FK USAF Air Traffic Controller Badge, Basic
 FL Air Force Senior Dental Badge
 FM USAF Security Police Qualification Badge,
 Senior
 FP Air Force Pilot Badge, Basic
 FR USAF Security Police Qualification Badge,
 Master
 NI U.S. Navy Submarine Insignia
 NM U.S. Navy Diving (Medical) Insignia
 NW Naval Special Warfare Insignia
 PI U.S. Navy Parachute Insignia
 PR Parachute Rigger Badge
 DP U.S. Navy Nuclear Missile Submarine Deterrent
 Patrol Insignia

CYLU(YY) Current Assignment Location Code
 30 Characters
 The Army area and state or foreign country where
 an officer's unit is located.
 NOTE: CYLU(YY) is available from 1998-2000.
 See CAL(YY) for 1986-1997.

DEPOS(YY) Year-Month Departed for Overseas Tour
 4 Characters (yymm) 1986-1997
 6 Characters (ccyymm) 1998-2000
 The year and month an officer departed from a
 port in the continental U.S. (CONUS) to overseas
 for a new assignment.

DEROS(YY) Date Eligible for Return from Overseas
 6 Characters (yymmdd) 1986-1997
 8 Characters (ccyymmdd) 1998-2000
 The date the individual will become eligible
 to return to continental U.S. (CONUS) or
 non-CONUS area of residence from overseas service.

LTCCA(YY) Troop Command Date Commenced Assignment
 6 Characters (yyymmdd) 1986-1997
 8 Characters (ccyyymmdd) 1998-2000
 The date an individual began serving in a Lt. Colonel level command position.

LTCTA(YY) Troop Command Date Terminated Assignment
 6 Characters (yyymmdd) 1986-1997
 8 Characters (ccyyymmdd) 1998-2000
 The date an individual completed serving in a Lt. Colonel level command position.

MILD1 - Military Decorations
 MILD15 2 Characters
 A medal, badge, or device, to be worn on the military uniform, awarded to a service member by a U.S. Armed Force for specific act or acts of gallant or meritorious service.
 NOTE: MILD1-MILD15 only appear once in the Core segment and do not repeat for the 1986-2000 year segments because the data are cumulative over time.

Code Values:

MH Medal of Honor
 DX Distinguished Service Cross
 DS Defense Distinguished Service Medal
 NX Navy Cross
 FC Air Force Cross
 DM Distinguished Service Medal
 SS Silver Star
 SU Defense Superior Service Medal
 LM Legion of Merit
 DF Distinguished Flying Cross
 MS Soldier's Medal
 CG Coast Guard Medal
 NM Navy and Marine Corps Medal
 AM Airman's Medal
 BS Bronze Star Medal
 BV Bronze Star Medal with Combat Distinguishing Device "V"
 PH Purple Heart
 MR Defense Meritorious Service Medal
 MM Meritorious Service Medal
 AS Air Medal
 AD Air Medal with Combat Distinguishing Device "V"
 JS Joint Service Commendation Medal
 JV Joint Service Commendation Medal with Combat Distinguishing Device "V"
 CA Army Commendation Medal

AV Army Commendation Medal with Combat
 Distinguishing Device "V"
 JA Joint Service Achievement Medal
 CN Navy Commendation Medal
 NV Navy Commendation Medal with Combat
 Distinguishing Device "V"
 MA Army Achievement Medal
 NA Navy Achievement Medal
 CF Air Force Commendation Medal
 CC Coast Guard Commendation Medal
 AC Air Force Achievement Medal
 CM Coast Guard Achievement Medal
 CR Combat Action Ribbon

MILDAT1 - Military Decoration Year (derived)
 MILDAT15 4 Characters (ccyy)
 The year a military decoration was awarded. This
 data element was derived by assigning the year
 of the OMF or SOMF file in which the military
 decoration first appeared.
 NOTE: MILDAT1-MILDAT15 only appear once in the
 Core segment and do not repeat for the 1986-2000
 year segments because the data are cumulative over
 time.

SKILL1(YY) - Skills
 SKILL6(YY) 2 Characters
 Identifies specialized skills possessed by the
 officer which may be related to more than one
 branch or functional area. Refer to AR 611-101
 for code values.

Derived Data Elements of OLRDB Core Data Set

DEPS Number of Dependents
 2 Numeric
 Derived by adding together the Number of Adult Dependents (NODA) and the Number of Dependent Children (NOADC) fields on the OMF. This data element already existed on records extracted from the MLF.

 Code Values:
 0 No Dependents
 1-99 Total Number of Dependents

OMFLAG79 Record Present on 1979 OMF
 1 Character
 This data element indicates the presence (Y) or absence (N) of a record on the 1979 Officer Master File for an officer. The record can be a master record or a separation record.

OMFLAG80- The definition of OMFLAG79 applies to these
OMFLAG00 data elements for the years 1980 - 2000.
 In addition, a code of inactive (2) is added in 1995-2000 to indicate an absence of a master record or a separation record where it was expected.

DUTYFL70 Active Duty Derived for 1970
 1 Character
 This data element indicates the presence (Y) or absence (N) of an officer on Active Duty in 1970 as specified by the Entry on Active Duty in Current Tour (EADC) data element and the Separation Date (SEPDT), whichever is present. No verification is made of the presence of an OMF record for this year. The purpose of this data element is to compensate for the lack of OMF files prior to 1979.

DUTYFL71- The definition of DUTYFL70 applies to these
DUTYFL00 data elements for the years 1971 - 2000.

SEPFL70 Separation from Active Duty in 1970
 1 Character
 This data element indicates the separation of an officer (Y) from Active Duty. If an officer did not separate from Active Duty the data element code is 'N'. The code 'N' does not imply that the officer is on Active Duty but that the officer did not separate in 1970. This data element is derived from the separation

date.

SEPFL71- The definition of SEPFL70 applies to these
SEPFL00 data elements for the years 1971 - 2000.

APPENDIX B
Record Layout of Flat OLRDB Data Sets

APPENDIX B

RECORD LAYOUT OF FLAT OLRDB LONGITUDINAL DATA SETS

1999 OLRDB Longitudinal Data Set:

2 YEAR(79:85),	/*	REPEATS	7 TIMES	1-1197:	*/
3 DOBYY PIC '99',	/*			1-2	*/
3 DOBMM PIC '99',	/*			3-4	*/
3 DOBDD PIC '99',	/*			5-6	*/
3 SEX CHAR(1),	/*			7	*/
3 TGRA CHAR(3),	/*			8-10	*/
3 TDORYY PIC '99',	/*			11-12	*/
3 TDORMM PIC '99',	/*			13-14	*/
3 TDORDD PIC '99',	/*			15-16	*/
3 BPEDYY PIC '99',	/*			17-18	*/
3 BPEDMM PIC '99',	/*			19-20	*/
3 BPEDDD PIC '99',	/*			21-22	*/
3 EADCYY PIC '99',	/*			23-24	*/
3 EADCM PIC '99',	/*			25-26	*/
3 EADCDD PIC '99',	/*			27-28	*/
3 DTRAYY PIC '99',	/*			29-30	*/
3 DTRAMM PIC '99',	/*			31-32	*/
3 DTRADD PIC '99',	/*			33-34	*/
3 SOC CHAR(1),	/*			35	*/
3 SEPDTYY PIC '99',	/*			36-37	*/
3 SEPDTMM PIC '99',	/*			38-39	*/
3 SEPDTDD PIC '99',	/*			40-41	*/
3 SPD CHAR(3),	/*			42-44	*/
3 BABR CHAR(2),	/*			45-46	*/
3 BRCD CHAR(2),	/*			47-48	*/
3 FACD CHAR(2),	/*			49-50	*/
3 REDCAT CHAR(1),	/*			51	*/
3 ETHGP CHAR(1),	/*			52	*/
3 BYRGP CHAR(2),	/*			53-54	*/
3 PHDT(10),	/*			55-114	*/
4 PHDTYY PIC '99',					
4 PHDTMM PIC '99',					
4 PHDTDD PIC '99',					
3 CELC CHAR(1),	/*			115	*/
3 MEL CHAR(1),	/*			116	*/
3 RCEAS(3) CHAR(3),	/*			117-125	*/
3 MARST CHAR(1),	/*			126	*/
3 DEPS PIC '99',	/*			127-128	*/
3 NODA PIC '99',	/*			129-130	*/
3 COMPT CHAR(1),	/*			131	*/
3 CURSA CHAR(1),	/*			132	*/
3 COBO CHAR(2),	/*			133-134	*/
3 ORAPT CHAR(1),	/*			135	*/
3 CPPN CHAR(2),	/*			136-137	*/
3 PPPN CHAR(2),	/*			138-139	*/
3 TGPGC CHAR(1),	/*			140	*/
3 MEDN3 PIC '99',	/*			141-142	*/
3 MED1A CHAR(6),	/*			143-148	*/

3 MED2A PIC '99',	/*	149-150	*/
3 MED3A PIC '99',	/*	151-152	*/
3 MED4A CHAR(2),	/*	153-154	*/
3 MED3B PIC '99',	/*	155-156	*/
3 MABC3A CHAR(2),	/*	157-158	*/
3 MABC3B CHAR(2),	/*	159-160	*/
3 MEDMO2 CHAR(2),	/*	161-162	*/
3 MEDMO3 CHAR(3),	/*	163-165	*/
3 MDGRDYY CHAR(2),	/*	166-167	*/
3 MDGRDMM CHAR(2),	/*	168-169	*/
3 MDGRDDD CHAR(2),	/*	170-171	*/

NOTE: The data elements in the section above repeat for each year from 1979 through 1985 (171 * 7 years).

2 YEAR1(86:89),	/* REPEATS 4 TIMES	1198-1909:	*/
3 DOBYY PIC '99',	/*	1198-1199	*/
3 DOBMM PIC '99',	/*	1200-1201	*/
3 DOBDD PIC '99',	/*	1202-1203	*/
3 SEX CHAR(1),	/*	1204	*/
3 TGRA CHAR(3),	/*	1205-1207	*/
3 TDORYY PIC '99',	/*	1208-1209	*/
3 TDORMM PIC '99',	/*	1210-1211	*/
3 TDORDD PIC '99',	/*	1212-1213	*/
3 BPEDYY PIC '99',	/*	1214-1215	*/
3 BPEDMM PIC '99',	/*	1216-1217	*/
3 BPEDDD PIC '99',	/*	1218-1219	*/
3 EADCYY PIC '99',	/*	1220-1221	*/
3 EADCMM PIC '99',	/*	1222-1223	*/
3 EADCDD PIC '99',	/*	1224-1225	*/
3 DTRAYY PIC '99',	/*	1226-1227	*/
3 DTRAMM PIC '99',	/*	1228-1229	*/
3 DTRADD PIC '99',	/*	1230-1231	*/
3 SOC CHAR(1),	/*	1232	*/
3 SEPDTYY PIC '99',	/*	1233-1234	*/
3 SEPDTMM PIC '99',	/*	1235-1236	*/
3 SEPDTDD PIC '99',	/*	1237-1238	*/
3 SPD CHAR(3),	/*	1239-1241	*/
3 BABR CHAR(2),	/*	1242-1243	*/
3 BRCD CHAR(2),	/*	1244-1245	*/
3 FACD CHAR(2),	/*	1246-1247	*/
3 REDCAT CHAR(1),	/*	1248	*/
3 ETHGP CHAR(1),	/*	1249	*/
3 BYRGP CHAR(2),	/*	1250-1251	*/
3 PHDT(10),	/*	1252-1311	*/
4 PHDTYY PIC '99',			
4 PHDTMM PIC '99',			
4 PHDTDD PIC '99',			
3 CELC CHAR(1),	/*	1312	*/
3 MEL CHAR(1),	/*	1313	*/
3 RCEAS(3) CHAR(3),	/*	1314-1322	*/
3 MARST CHAR(1),	/*	1323	*/
3 DEPS PIC '99',	/*	1324-1325	*/
3 NODA PIC '99',	/*	1326-1327	*/

3 COMPT CHAR(1),	/*	1328	*/
3 CURSA CHAR(1),	/*	1329	*/
3 COBO CHAR(2),	/*	1330-1331	*/
3 ORAPT CHAR(1),	/*	1332	*/
3 CPPN CHAR(2),	/*	1333-1334	*/
3 PPPN CHAR(2),	/*	1335-1336	*/
3 TGPGC CHAR(1),	/*	1337	*/
3 BRAOC1 CHAR(1),	/*	1338	*/
3 FAAOC1 CHAR(1),	/*	1339	*/
3 MEDN3 PIC '99',	/*	1340-1341	*/
3 MED1A CHAR(6),	/*	1342-1347	*/
3 MED2A PIC '99',	/*	1348-1349	*/
3 MED3A PIC '99',	/*	1350-1351	*/
3 MED4A CHAR(2),	/*	1352-1353	*/
3 MED3B PIC '99',	/*	1354-1355	*/
3 MABC3A CHAR(2),	/*	1356-1357	*/
3 MABC3B CHAR(2),	/*	1358-1359	*/
3 MEDMO2 CHAR(2),	/*	1360-1361	*/
3 MEDMO3 CHAR(3),	/*	1362-1364	*/
3 MDMO32 CHAR(3),	/*	1365-1367	*/
3 MDMO22 CHAR(2),	/*	1368-1369	*/
3 MDGRDYY CHAR(2),	/*	1370-1371	*/
3 MDGRDMM CHAR(2),	/*	1372-1373	*/
3 MDGRDDD CHAR(2),	/*	1374-1375	*/

NOTE: The data elements in the section above repeat for each year from 1986 through 1989 (178 * 4 years).

2 YEAR2(90:96),	/* REPEATS 7 TIMES	1910-3190:	*/
3 DOBYY PIC '99',	/*	1910-1911	*/
3 DOBMM PIC '99',	/*	1912-1913	*/
3 DOBDD PIC '99',	/*	1914-1915	*/
3 SEX CHAR(1),	/*	1916	*/
3 TGRA CHAR(3),	/*	1917-1919	*/
3 TDORYY PIC '99',	/*	1920-1921	*/
3 TDORMM PIC '99',	/*	1922-1923	*/
3 TDORDD PIC '99',	/*	1924-1925	*/
3 BPEDYY PIC '99',	/*	1926-1927	*/
3 BPEDMM PIC '99',	/*	1928-1929	*/
3 BPEDDD PIC '99',	/*	1930-1931	*/
3 EADCYY PIC '99',	/*	1932-1933	*/
3 EADCMM PIC '99',	/*	1934-1935	*/
3 EADCDD PIC '99',	/*	1936-1937	*/
3 DTRAYY PIC '99',	/*	1938-1939	*/
3 DTRAMM PIC '99',	/*	1940-1941	*/
3 DTRADD PIC '99',	/*	1942-1943	*/
3 SOC CHAR(1),	/*	1944	*/
3 SEPDTYY PIC '99',	/*	1945-1946	*/
3 SEPDTMM PIC '99',	/*	1947-1948	*/
3 SEPDTDD PIC '99',	/*	1949-1950	*/
3 SPD CHAR(3),	/*	1951-1953	*/
3 BABR CHAR(2),	/*	1954-1955	*/
3 BRCD CHAR(2),	/*	1956-1957	*/
3 FACD CHAR(2),	/*	1958-1959	*/

3 REDCAT CHAR(1),	/*	1960	*/
3 ETHGP CHAR(1),	/*	1961	*/
3 BYRGP CHAR(2),	/*	1962-1963	*/
3 PHDT(10),	/*	1964-2023	*/
4 PHDTYY PIC '99',			
4 PHDTMM PIC '99',			
4 PHDTDD PIC '99',			
3 CELC CHAR(1),	/*	2024	*/
3 MEL CHAR(1),	/*	2025	*/
3 RCEAS(3) CHAR(3),	/*	2026-2034	*/
3 MARST CHAR(1),	/*	2035	*/
3 DEPS PIC '99',	/*	2036-2037	*/
3 NODA PIC '99',	/*	2038-2039	*/
3 COMPT CHAR(1),	/*	2040	*/
3 CURSA CHAR(1),	/*	2041	*/
3 COBO CHAR(2),	/*	2042-2043	*/
3 ORAPT CHAR(1),	/*	2044	*/
3 UUIC CHAR(5),	/*	2045-2049	*/
3 CPPN CHAR(2),	/*	2050-2051	*/
3 PPPN CHAR(2),	/*	2052-2053	*/
3 TGPGC CHAR(1),	/*	2054	*/
3 BRAOC1 CHAR(1),	/*	2055	*/
3 FAAOC1 CHAR(1),	/*	2056	*/
3 MEDN3 PIC '99',	/*	2057-2058	*/
3 MED1A CHAR(6),	/*	2059-2064	*/
3 MED2A PIC '99',	/*	2065-2066	*/
3 MED3A PIC '99',	/*	2067-2068	*/
3 MED4A CHAR(2),	/*	2069-2070	*/
3 MED3B PIC '99',	/*	2071-2072	*/
3 MABC3A CHAR(2),	/*	2073-2074	*/
3 MABC3B CHAR(2),	/*	2075-2076	*/
3 MEDMO2 CHAR(2),	/*	2077-2078	*/
3 MEDMO3 CHAR(3),	/*	2079-2081	*/
3 MDMO32 CHAR(3),	/*	2082-2084	*/
3 MDMO22 CHAR(2),	/*	2085-2086	*/
3 MDGRDYY CHAR(2),	/*	2087-2088	*/
3 MDGRDMM CHAR(2),	/*	2089-2090	*/
3 MDGRDDD CHAR(2),	/*	2091-2092	*/

NOTE: The data elements in the section above repeat for each year from 1990 through 1996 (183 * 7 years).

2 YEAR3(97:99),	/*	REPEATS 3	TIME 3191-3877:	*/
3 DOBY4 PIC '(4)9',	/*	3191-3194		*/
3 DOBMM PIC '99',	/*	3195-3196		*/
3 DOBDD PIC '99',	/*	3197-3198		*/
3 SEX CHAR(1),	/*	3199		*/
3 TGRA CHAR(3),	/*	3200-3202		*/
3 TDORY4 PIC '(4)9',	/*	3203-3206		*/
3 TDORMM PIC '99',	/*	3207-3208		*/
3 TDORDD PIC '99',	/*	3209-3210		*/
3 BPEDYY4 PIC '(4)9',	/*	3211-3214		*/
3 BPEDMM PIC '99',	/*	3215-3216		*/
3 BPEDDD PIC '99',	/*	3217-3218		*/

3 EADCY4 PIC '(4)9',	/*	3219-3222	*/
3 EADCM PIC '99',	/*	3223-3224	*/
3 EADCDD PIC '99',	/*	3225-3226	*/
3 DTRAY4 PIC '(4)9',	/*	3227-3230	*/
3 DTRAM PIC '99',	/*	3231-3232	*/
3 DTRADD PIC '99',	/*	3233-3234	*/
3 SOC CHAR(1),	/*	3235	*/
3 SEPDTYY4 PIC '(4)9',	/*	3236-3239	*/
3 SEPDTMM PIC '99',	/*	3240-3241	*/
3 SEPDTDD PIC '99',	/*	3242-3243	*/
3 SPD CHAR(3),	/*	3244-3246	*/
3 BABR CHAR(2),	/*	3247-3248	*/
3 BRCD CHAR(2),	/*	3249-3250	*/
3 FACD CHAR(2),	/*	3251-3252	*/
3 REDCAT CHAR(1),	/*	3253	*/
3 ETHGP CHAR(1),	/*	3254	*/
3 BYRGP4 CHAR(4),	/*	3255-3258	*/
3 PHDT(10),	/*	3259-3338	*/
4 PHDTYY4 PIC '(4)9',			
4 PHDTMM PIC '99',			
4 PHDTDD PIC '99',			
3 CELC CHAR(1),	/*	3339	*/
3 MEL CHAR(1),	/*	3340	*/
3 RCEAS(3) CHAR(3),	/*	3341-3349	*/
3 MARST CHAR(1),	/*	3350	*/
3 DEPS PIC '99',	/*	3351-3352	*/
3 NODA PIC '99',	/*	3353-3354	*/
3 COMPT CHAR(1),	/*	3355	*/
3 CURSA CHAR(1),	/*	3356	*/
3 COBO CHAR(2),	/*	3357-3358	*/
3 ORAPT CHAR(1),	/*	3359	*/
3 UUIC CHAR(5),	/*	3360-3364	*/
3 CPPN CHAR(2),	/*	3365-3366	*/
3 PPPN CHAR(2),	/*	3367-3368	*/
3 TGPGC CHAR(1),	/*	3369	*/
3 BRAOC1 CHAR(1),	/*	3370	*/
3 FAAOC1 CHAR(1),	/*	3371	*/
3 MEDN34 PIC '(4)9',	/*	3372-3375	*/
3 MED1A CHAR(6),	/*	3376-3381	*/
3 MED2A PIC '99',	/*	3382-3383	*/
3 MED3A4 PIC '(4)9',	/*	3384-3387	*/
3 MED4A CHAR(2),	/*	3388-3389	*/
3 MED3B4 PIC '(4)9',	/*	3390-3393	*/
3 MABC3A4 CHAR(4),	/*	3394-3397	*/
3 MABC3B4 CHAR(4),	/*	3398-3401	*/
3 MEDMO2 CHAR(2),	/*	3402-3403	*/
3 MEDMO3 CHAR(3),	/*	3404-3406	*/
3 MDMO32 CHAR(3),	/*	3407-3409	*/
3 MDMO22 CHAR(2),	/*	3410-3411	*/
3 MDGRDYY4 PIC '(4)9',	/*	3412-3415	*/
3 MDGRDMM PIC '99',	/*	3416-3417	*/
3 MDGRDDD PIC '99',	/*	3418-3419	*/

NOTE: The data elements in the section above repeat for each year from 1997 through 1999 (229 * 3 years).

2 VSI,	/*	3878-3918	*/
3 OFFER PIC '(6)9',	/*	3878-3883	*/
3 ACCEPT PIC '(6)9',	/*	3884-3889	*/
3 RECTYPE PIC '9',	/*	3890	*/
3 PROTYPE PIC '9',	/*	3891	*/
3 RECREFLG PIC '9',	/*	3892	*/
3 PROGYYPIC '99',	/*	3893-3894	*/
3 LOSSFLG PIC '9',	/*	3895	*/
3 JUMPSFLG PIC '9',	/*	3896	*/
3 JUMPSAMT PIC '(6)9',	/*	3897-3902	*/
3 JUMPSMON PIC '999',	/*	3903-3905	*/
3 DFASFLG CHAR(1),	/*	3906	*/
3 DFASAMT PIC '(6)9',	/*	3907-3912	*/
3 DFASMON PIC '999',	/*	3913-3915	*/
3 LOSSTAFM PIC '999',	/*	3916-3918	*/
2 CORE,			
3 MATCHCOD PIC '(9)9',	/*	3919-3927	*/
3 DOBY4 PIC '(4)9',	/*	3928-3931	*/
3 DOBMM PIC '99',	/*	3932-3933	*/
3 DOBDD PIC '99',	/*	3934-3935	*/
3 SEX CHAR(1),	/*	3936	*/
3 TGRA CHAR(3),	/*	3937-3939	*/
3 TDORY4 PIC '(4)9',	/*	3940-3943	*/
3 TDORMM PIC '99',	/*	3944-3945	*/
3 TDORDD PIC '99',	/*	3946-3947	*/
3 BPEDYY4 PIC '(4)9',	/*	3948-3951	*/
3 BPEDMM PIC '99',	/*	3952-3953	*/
3 BPEDDD PIC '99',	/*	3954-3955	*/
3 EADCYY4 PIC '(4)9',	/*	3956-3959	*/
3 EADCMM PIC '99',	/*	3960-3961	*/
3 EADCDD PIC '99',	/*	3962-3963	*/
3 DTRAY4 PIC '(4)9',	/*	3964-3967	*/
3 DTRAMM PIC '99',	/*	3968-3969	*/
3 DTRADD PIC '99',	/*	3970-3971	*/
3 SOC CHAR(1),	/*	3972	*/
3 SEPDTYY4 PIC '(4)9',	/*	3973-3976	*/
3 SEPDTMM PIC '99',	/*	3977-3978	*/
3 SEPDTDD PIC '99',	/*	3979-3980	*/
3 SPD CHAR(3),	/*	3981-3983	*/
3 BABR CHAR(2),	/*	3984-3985	*/
3 BRCD CHAR(2),	/*	3986-3987	*/
3 FACD CHAR(2),	/*	3988-3989	*/
3 UUIC CHAR(5),	/*	3990-3994	*/
3 REDCAT CHAR(1),	/*	3995	*/
3 ETHGP CHAR(1),	/*	3996	*/
3 BYRGP4 CHAR(4),	/*	3997-4000	*/
3 PHDT(10),	/*	4001-4080	*/
4 PHDTYY4 PIC '(4)9',			
4 PHDTMM PIC '99',			
4 PHDTDD PIC '99',			
3 CELC CHAR(1),	/*	4081	*/

3 MEL CHAR(1),	/*	4082	*/
3 RCEAS(3) CHAR(3),	/*	4083-4091	*/
3 MARST CHAR(1),	/*	4092	*/
3 DEPS PIC '99',	/*	4093-4094	*/
3 NODA PIC '99',	/*	4095-4096	*/
3 COMPT CHAR(1),	/*	4097	*/
3 CURSA CHAR(1),	/*	4098	*/
3 COBO CHAR(2),	/*	4099-4100	*/
3 ORAPT CHAR(1),	/*	4101	*/
3 CPPN CHAR(2),	/*	4102-4103	*/
3 PPPN CHAR(2),	/*	4104-4105	*/
3 TGPGC CHAR(1),	/*	4106	*/
3 BRAOC1 CHAR(1),	/*	4107	*/
3 FAAOC1 CHAR(1),	/*	4108	*/
3 MEDN34 PIC '(4)9',	/*	4109-4112	*/
3 MED1A CHAR(6),	/*	4113-4118	*/
3 MED2A PIC '99',	/*	4119-4120	*/
3 MED3A4 PIC '(4)9',	/*	4121-4124	*/
3 MED4A CHAR(2),	/*	4125-4126	*/
3 MED3B4 PIC '(4)9',	/*	4127-4130	*/
3 MABC3A4 CHAR(4),	/*	4131-4134	*/
3 MABC3B4 CHAR(4),	/*	4135-4138	*/
3 MEDMO2 CHAR(2),	/*	4139-4140	*/
3 MEDMO3 CHAR(3),	/*	4141-4143	*/
3 MDMO32 CHAR(3),	/*	4144-4146	*/
3 MDMO22 CHAR(2),	/*	4147-4148	*/
3 MDGRDYY4 PIC '(4)9',	/*	4149-4152	*/
3 MDGRDMM PIC '99',	/*	4153-4154	*/
3 MDGRDDD PIC '99',	/*	4155-4156	*/
3 OFFER PIC '(6)9',	/*	4157-4162	*/
3 ACCEPT PIC '(6)9',	/*	4163-4168	*/
3 RECTYPE PIC '9',	/*	4169	*/
3 PROTYPE PIC '9',	/*	4170	*/
3 RECREFLG PIC '9',	/*	4171	*/
3 PROGY Y PIC '99',	/*	4172-4173	*/
3 LOSSFLG PIC '9',	/*	4174	*/
3 JUMPSFLG PIC '9',	/*	4175	*/
3 JUMPSAMT PIC '(6)9',	/*	4176-4181	*/
3 JUMPSMON PIC '999',	/*	4182-4184	*/
3 DFASFLG CHAR(1),	/*	4185	*/
3 DFASAMT PIC '(6)9',	/*	4186-4191	*/
3 DFASMON PIC '999',	/*	4192-4194	*/
3 LOSSTAFM PIC '999',	/*	4195-4197	*/
2 FLAG,			
3 OMFLAG(79:99) CHAR(1),	/*	4198-4218	*/
3 DUTYFL(70:99) CHAR(1),	/*	4219-4248	*/
3 SEPFL(70:99) CHAR(1),	/*	4249-4278	*/
2 SEPH (5),	/* Repeats 5 times 4279-4413: */		
3 EADCYY4 PIC '(4)9',			
3 EADCMM PIC '99',			
3 EADCDD PIC '99',			
3 SEPDTYY4 PIC '(4)9',			
3 SEPDTMM PIC '99',			
3 SEPDTDD PIC '99',			

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3 BPEDYY4 PIC '(4)9',  
3 BPEDMM PIC '99',  
3 BPEDDD PIC '99',  
3 SPD CHAR(3);
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2000 OLRDB Longitudinal Data Set:

2 YEAR(79:85),	/*	REPEATS 7 TIMES 1-980:	*/
3 DOBYY PIC '99',	/*	1-2	*/
3 DOBMM PIC '99',	/*	3-4	*/
3 DOBDD PIC '99',	/*	5-6	*/
3 SEX CHAR(1),	/*	7	*/
3 TGRA CHAR(3),	/*	8-10	*/
3 TDORYY PIC '99',	/*	11-12	*/
3 TDORMM PIC '99',	/*	13-14	*/
3 TDORDD PIC '99',	/*	15-16	*/
3 BPEDYY PIC '99',	/*	17-18	*/
3 BPEDMM PIC '99',	/*	19-20	*/
3 BPEDDD PIC '99',	/*	21-22	*/
3 EADCYY PIC '99',	/*	23-24	*/
3 EADCMM PIC '99',	/*	25-26	*/
3 EADCDD PIC '99',	/*	27-28	*/
3 DTRAYY PIC '99',	/*	29-30	*/
3 DTRAMM PIC '99',	/*	31-32	*/
3 DTRADD PIC '99',	/*	33-34	*/
3 SOC CHAR(1),	/*	35	*/
3 SEPDTYY PIC '99',	/*	36-37	*/
3 SEPDTMM PIC '99',	/*	38-39	*/
3 SEPDTDD PIC '99',	/*	40-41	*/
3 SPD CHAR(3),	/*	42-44	*/
3 BABR CHAR(2),	/*	45-46	*/
3 BRCD CHAR(2),	/*	47-48	*/
3 FACD CHAR(2),	/*	49-50	*/
3 REDCAT CHAR(1),	/*	51	*/
3 ETHGP CHAR(1),	/*	52	*/
3 BYRGP CHAR(2),	/*	53-54	*/
3 PHDT(10),	/*	55-114	*/
4 PHDTYY PIC '99',			
4 PHDTMM PIC '99',			
4 PHDTDD PIC '99',			
3 CELC CHAR(1),	/*	115	*/
3 MEL CHAR(1),	/*	116	*/
3 RCEAS(3) CHAR(3),	/*	117-125	*/
3 MARST CHAR(1),	/*	126	*/
3 DEPS PIC '99',	/*	127-128	*/
3 NODA PIC '99',	/*	129-130	*/
3 COMPT CHAR(1),	/*	131	*/
3 CURSA CHAR(1),	/*	132	*/
3 COBO CHAR(2),	/*	133-134	*/
3 ORAPT CHAR(1),	/*	135	*/
3 CPPN CHAR(2),	/*	136-137	*/
3 PPPN CHAR(2),	/*	138-139	*/
3 TGPGC CHAR(1),	/*	140	*/

NOTE: The data elements in the section above repeat for each year from 1979 through 1985 (140 * 7 years).

2 YEAR1(86:89),	/* REPEATS 4 TIMES 981-1936:	*/
3 DOBYY PIC '99',	/* 981-982	*/
3 DOBMM PIC '99',	/* 983-984	*/
3 DOBDD PIC '99',	/* 985-986	*/
3 SEX CHAR(1),	/* 987	*/
3 TGRA CHAR(3),	/* 988-990	*/
3 TDORYY PIC '99',	/* 991-992	*/
3 TDORMM PIC '99',	/* 993-994	*/
3 TDORDD PIC '99',	/* 995-996	*/
3 BPEDYY PIC '99',	/* 997-998	*/
3 BPEDMM PIC '99',	/* 999-1000	*/
3 BPEDDD PIC '99',	/* 1001-1002	*/
3 EADCYY PIC '99',	/* 1003-1004	*/
3 EADCMM PIC '99',	/* 1005-1006	*/
3 EADCDD PIC '99',	/* 1007-1008	*/
3 DTRAYY PIC '99',	/* 1009-1010	*/
3 DTRAMM PIC '99',	/* 1011-1012	*/
3 DTRADD PIC '99',	/* 1013-1014	*/
3 SOC CHAR(1),	/* 1015	*/
3 SEPDTYY PIC '99',	/* 1016-1017	*/
3 SEPDTMM PIC '99',	/* 1018-1019	*/
3 SEPDTDD PIC '99',	/* 1020-1021	*/
3 SPD CHAR(3),	/* 1022-1024	*/
3 BABR CHAR(2),	/* 1025-1026	*/
3 BRCD CHAR(2),	/* 1027-1028	*/
3 FACD CHAR(2),	/* 1029-1030	*/
3 REDCAT CHAR(1),	/* 1031	*/
3 ETHGP CHAR(1),	/* 1032	*/
3 BYRGP CHAR(2),	/* 1033-1034	*/
3 PHDT(10),	/* 1035-1094	*/
4 PHDTYY PIC '99',		
4 PHDTMM PIC '99',		
4 PHDTDD PIC '99',		
3 CELC CHAR(1),	/* 1095	*/
3 MEL CHAR(1),	/* 1096	*/
3 RCEAS(3) CHAR(3),	/* 1097-1105	*/
3 MARST CHAR(1),	/* 1106	*/
3 DEPS PIC '99',	/* 1107-1108	*/
3 NODÀ PIC '99',	/* 1109-1110	*/
3 COMPT CHAR(1),	/* 1111	*/
3 CURSA CHAR(1),	/* 1112	*/
3 COBO CHAR(2),	/* 1113-1114	*/
3 ORAPT CHAR(1),	/* 1115	*/
3 CPPN CHAR(2),	/* 1116-1117	*/
3 PPPN CHAR(2),	/* 1118-1119	*/
3 TGPGC CHAR(1),	/* 1120	*/
3 BRAOC1 CHAR(1),	/* 1121	*/
3 FAAOC1 CHAR(1),	/* 1122	*/
3 CADT CHAR(24),	/* 1123-1146	*/
3 CAFD CHAR(6),	/* 1147-1152	*/
3 CAL CHAR(3),	/* 1153-1155	*/
3 CAUN CHAR(4),	/* 1156-1159	*/
3 CMDSL1 CHAR(3),	/* 1160-1162	*/
3 CMDTR CHAR(3),	/* 1163-1165	*/

3 COLCA1 CHAR(6),	/*	1166-1171	*/
3 COLTA1 CHAR(6),	/*	1172-1177	*/
3 CSBAD(5) CHAR(2),	/*	1178-1187	*/
3 DEPOS CHAR(4),	/*	1188-1191	*/
3 DEROS CHAR(6),	/*	1192-1197	*/
3 LTCCA CHAR(6),	/*	1198-1203	*/
3 LTCTA CHAR(6),	/*	1204-1209	*/
3 SKILL(6) CHAR(2),	/*	1210-1221	*/

NOTE: The data elements in the section above repeat for each year from 1986 through 1989 (241 * 4 years).

2 YEAR2(90:96),	/* REPEATS 7 TIMES 1945-3666:	*/
3 DOBYY PIC '99',	/*	1945-1946 */
3 DOBMM PIC '99',	/*	1947-1948 */
3 DOBDD PIC '99',	/*	1949-1950 */
3 SEX CHAR(1),	/*	1951 */
3 TGRA CHAR(3),	/*	1952-1954 */
3 TDORYY PIC '99',	/*	1955-1956 */
3 TDORMM PIC '99',	/*	1957-1958 */
3 TDORDD PIC '99',	/*	1959-1960 */
3 BPEDYY PIC '99',	/*	1961-1962 */
3 BPEDMM PIC '99',	/*	1963-1964 */
3 BPEDDD PIC '99',	/*	1965-1966 */
3 EADCYY PIC '99',	/*	1967-1968 */
3 EADCMM PIC '99',	/*	1969-1970 */
3 EADCDD PIC '99',	/*	1971-1972 */
3 DTRAYY PIC '99',	/*	1973-1974 */
3 DTRAMM PIC '99',	/*	1975-1976 */
3 DTRADD PIC '99',	/*	1977-1978 */
3 SOC CHAR(1),	/*	1979 */
3 SEPDTYY PIC '99',	/*	1980-1981 */
3 SEPDTMM PIC '99',	/*	1982-1983 */
3 SEPDTDD PIC '99',	/*	1984-1985 */
3 SPD CHAR(3),	/*	1986-1988 */
3 BABR CHAR(2),	/*	1989-1990 */
3 BRCD CHAR(2),	/*	1991-1992 */
3 FACD CHAR(2),	/*	1993-1994 */
3 REDCAT CHAR(1),	/*	1995 */
3 ETHGP CHAR(1),	/*	1996 */
3 BYRGP CHAR(2),	/*	1997-1998 */
3 PHDT(10),	/*	1999-2058 */
4 PHDTYY PIC '99',		
4 PHDTMM PIC '99',		
4 PHDTDD PIC '99',		
3 CELC CHAR(1),	/*	2059 */
3 MEL CHAR(1),	/*	2060 */
3 RCEAS(3) CHAR(3),	/*	2061-2069 */
3 MARST CHAR(1),	/*	2070 */
3 DEPS PIC '99',	/*	2071-2072 */
3 NODA PIC '99',	/*	2073-2074 */
3 COMPT CHAR(1),	/*	2075 */
3 CURSA CHAR(1),	/*	2076 */
3 COBO CHAR(2),	/*	2077-2078 */

3 ORAPT CHAR(1),	/*	2079	*/
3 UUIC CHAR(5),	/*	2080-2084	*/
3 CPPN CHAR(2),	/*	2085-2086	*/
3 PPPN CHAR(2),	/*	2087-2088	*/
3 TGPGC CHAR(1),	/*	2089	*/
3 BRAOC1 CHAR(1),	/*	2090	*/
3 FAAOC1 CHAR(1),	/*	2091	*/
3 CADT CHAR(24),	/*	2092-2115	*/
3 CAFD CHAR(6),	/*	2116-2121	*/
3 CAL CHAR(3),	/*	2122-2124	*/
3 CAUN CHAR(4),	/*	2125-2128	*/
3 CMDSL1 CHAR(3),	/*	2129-2131	*/
3 CMDTR CHAR(3),	/*	2132-2134	*/
3 COLCA1 CHAR(6),	/*	2135-2140	*/
3 COLTA1 CHAR(6),	/*	2141-2146	*/
3 CSBAD(5) CHAR(2),	/*	2147-2156	*/
3 DEPOS CHAR(4),	/*	2157-2160	*/
3 DEROS CHAR(6),	/*	2161-2166	*/
3 LTCCA CHAR(6),	/*	2167-2172	*/
3 LTCTA CHAR(6),	/*	2173-2178	*/
3 SKILL(6) CHAR(2),	/*	2179-2190	*/

NOTE: The data elements in the section above repeat for each year from 1990 through 1996 (246 * 7 years).

2 YEAR97(1997:1997),			
3 DOBY4 PIC '(4)9',	/*	3667-3670	*/
3 DOBMM PIC '99',	/*	3671-3672	*/
3 DOBDD PIC '99',	/*	3673-3674	*/
3 SEX CHAR(1),	/*	3675	*/
3 TGRA CHAR(3),	/*	3676-3678	*/
3 TDORY4 PIC '(4)9',	/*	3679-3682	*/
3 TDORMM PIC '99',	/*	3683-3684	*/
3 TDORDD PIC '99',	/*	3685-3686	*/
3 BPEDYY4 PIC '(4)9',	/*	3687-3690	*/
3 BPEDMM PIC '99',	/*	3691-3692	*/
3 BPEDDD PIC '99',	/*	3693-3694	*/
3 EADCYY4 PIC '(4)9',	/*	3695-3698	*/
3 EADCMM PIC '99',	/*	3699-3700	*/
3 EADCDD PIC '99',	/*	3701-3702	*/
3 DTRAY4 PIC '(4)9',	/*	3703-3706	*/
3 DTRAMM PIC '99',	/*	3707-3708	*/
3 DTRADD PIC '99',	/*	3709-3710	*/
3 SOC CHAR(1),	/*	3711	*/
3 SEPDTYY4 PIC '(4)9',	/*	3712-3715	*/
3 SEPDTMM PIC '99',	/*	3716-3717	*/
3 SEPDTDD PIC '99',	/*	3718-3719	*/
3 SPD CHAR(3),	/*	3720-3722	*/
3 BABR CHAR(2),	/*	3723-3724	*/
3 BRCD CHAR(2),	/*	3725-3726	*/
3 FACD CHAR(2),	/*	3727-3728	*/
3 REDCAT CHAR(1),	/*	3729	*/
3 ETHGP CHAR(1),	/*	3730	*/
3 BYRGP4 CHAR(4),	/*	3731-3734	*/

3 PHDT(10),	/*	3735-3814	*/
4 PHDTYY4 PIC '(4)9',			
4 PHDTMM PIC '99',			
4 PHDTDD PIC '99',			
3 CELC CHAR(1),	/*	3815	*/
3 MEL CHAR(1),	/*	3816	*/
3 RCEAS(3) CHAR(3),	/*	3817-3825	*/
3 MARST CHAR(1),	/*	3826	*/
3 DEPS PIC '99',	/*	3827-3828	*/
3 NODA PIC '99',	/*	3829-3830	*/
3 COMPT CHAR(1),	/*	3831	*/
3 CURSA CHAR(1),	/*	3832	*/
3 COBO CHAR(2),	/*	3833-3834	*/
3 ORAPT CHAR(1),	/*	3835	*/
3 UUIC CHAR(5),	/*	3836-3840	*/
3 CPPN CHAR(2),	/*	3841-3842	*/
3 PPPN CHAR(2),	/*	3843-3844	*/
3 TGPGC CHAR(1),	/*	3845	*/
3 BRAOC1 CHAR(1),	/*	3846	*/
3 FAAOC1 CHAR(1),	/*	3847	*/
3 CADT CHAR(24),	/*	3848-3871	*/
3 CAFD CHAR(8),	/*	3872-3879	*/
3 CAL CHAR(3),	/*	3880-3882	*/
3 CAUN CHAR(4),	/*	3883-3886	*/
3 CMDSL1 CHAR(3),	/*	3887-3889	*/
3 CMDTR CHAR(3),	/*	3890-3892	*/
3 COLCA1 CHAR(8),	/*	3893-3900	*/
3 COLTA1 CHAR(8),	/*	3901-3908	*/
3 CSBAD(5) CHAR(2),	/*	3909-3918	*/
3 DEPOS CHAR(6),	/*	3919-3924	*/
3 DEROS CHAR(8),	/*	3925-3932	*/
3 LTCCA CHAR(8),	/*	3933-3940	*/
3 LTCTA CHAR(8),	/*	3941-3948	*/
3 SKILL(6) CHAR(2),	/*	3949-3960	*/
2 YEAR3(1998:2000),	/*	REPEATS 3 TIMES	3961-4935: */
3 DOBY4 PIC '(4)9',	/*	3961-3964	*/
3 DOBMM PIC '99',	/*	3965-3966	*/
3 DOBDD PIC '99',	/*	3967-3968	*/
3 SEX CHAR(1),	/*	3969	*/
3 TGRA CHAR(3),	/*	3970-3972	*/
3 TDORY4 PIC '(4)9',	/*	3973-3976	*/
3 TDORMM PIC '99',	/*	3977-3978	*/
3 TDORDD PIC '99',	/*	3979-3980	*/
3 BPEDYY4 PIC '(4)9',	/*	3981-3984	*/
3 BPEDMM PIC '99',	/*	3985-3986	*/
3 BPEDDD PIC '99',	/*	3987-3988	*/
3 EADCYY4 PIC '(4)9',	/*	3989-3992	*/
3 EADCMM PIC '99',	/*	3993-3994	*/
3 EADCDD PIC '99',	/*	3995-3996	*/
3 DTRAY4 PIC '(4)9',	/*	3997-4000	*/
3 DTRAMM PIC '99',	/*	4001-4002	*/
3 DTRADD PIC '99',	/*	4003-4004	*/
3 SOC CHAR(1),	/*	4005	*/

3 SEPDTYY4 PIC '(4)9',	/*	4006-4009	*/
3 SEPDTMM PIC '99',	/*	4010-4011	*/
3 SEPDTDD PIC '99',	/*	4012-4013	*/
3 SPD CHAR(3),	/*	4014-4016	*/
3 BABR CHAR(2),	/*	4017-4018	*/
3 BRCD CHAR(2),	/*	4019-4020	*/
3 FACD CHAR(2),	/*	4021-4022	*/
3 REDCAT CHAR(1),	/*	4023	*/
3 ETHGP CHAR(1),	/*	4024	*/
3 BYRGP4 CHAR(4),	/*	4025-4028	*/
3 PHDT(10),	/*	4029-4108	*/
4 PHDTYY4 PIC '(4)9',			
4 PHDTMM PIC '99',			
4 PHDTDD PIC '99',			
3 CELC CHAR(1),	/*	4109	*/
3 MEL CHAR(1),	/*	4110	*/
3 RCEAS(3) CHAR(3),	/*	4111-4119	*/
3 MARST CHAR(1),	/*	4120	*/
3 DEPS PIC '99',	/*	4121-4122	*/
3 NODA PIC '99',	/*	4123-4124	*/
3 COMPT CHAR(1),	/*	4125	*/
3 CURSA CHAR(1),	/*	4126	*/
3 COBO CHAR(2),	/*	4127-4128	*/
3 ORAPT CHAR(1),	/*	4129	*/
3 UUIC CHAR(5),	/*	4130-4134	*/
3 CPPN CHAR(2),	/*	4135-4136	*/
3 PPPN CHAR(2),	/*	4137-4138	*/
3 TGPGC CHAR(1),	/*	4139	*/
3 BRAOC1 CHAR(1),	/*	4140	*/
3 FAAOC1 CHAR(1),	/*	4141	*/
3 CADT CHAR(24),	/*	4142-4165	*/
3 CAFD CHAR(8),	/*	4166-4173	*/
3 CYLU CHAR(30),	/*	4174-4203	*/
3 CAUN CHAR(4),	/*	4204-4207	*/
3 CMDSL5 CHAR(5),	/*	4208-4212	*/
3 CMDTR5 CHAR(5),	/*	4213-4217	*/
3 COLCA1 CHAR(8),	/*	4218-4225	*/
3 COLTA1 CHAR(8),	/*	4226-4233	*/
3 CSBAD(5) CHAR(2),	/*	4234-4243	*/
3 DEPOS CHAR(6),	/*	4244-4249	*/
3 DEROS CHAR(8),	/*	4250-4257	*/
3 LTCCA CHAR(8),	/*	4258-4265	*/
3 LTCTA CHAR(8),	/*	4266-4273	*/
3 SKILL(6) CHAR(2),	/*	4274-4285	*/

NOTE: The data elements in the section above repeat for each year from 1998 through 2000 (325 * 3 years).

2 VSI,	/*	4936-4976	*/
3 OFFER PIC '(6)9',	/*	4936-4941	*/
3 ACCEPT PIC '(6)9',	/*	4942-4947	*/
3 RECTYPE PIC '9',	/*	4948	*/
3 PROTYPE PIC '9',	/*	4949	*/
3 RECREFLG PIC '9',	/*	4950	*/

3 PROGYG PIC '99',	/*	4951-4952	*/
3 LOSSFLG PIC '9',	/*	4953	*/
3 JUMPSFLG PIC '9',	/*	4954	*/
3 JUMPSAMT PIC '(6)9',	/*	4955-4960	*/
3 JUMPSMON PIC '999',	/*	4961-4963	*/
3 DFASFLG CHAR(1),	/*	4964	*/
3 DFASAMT PIC '(6)9',	/*	4965-4970	*/
3 DFASMON PIC '999',	/*	4971-4973	*/
3 LOSSTAFM PIC '999',	/*	4974-4976	*/

2 CORE,

3 MATCHCOD PIC '(9)9',	/*	4977-4985	*/
3 DOBY4 PIC '(4)9',	/*	4986-4989	*/
3 DOBMM PIC '99',	/*	4990-4991	*/
3 DOBDD PIC '99',	/*	4992-4993	*/
3 SEX CHAR(1),	/*	4994	*/
3 TGRA CHAR(3),	/*	4995-4997	*/
3 TDORY4 PIC '(4)9',	/*	4998-5001	*/
3 TDORMM PIC '99',	/*	5002-5003	*/
3 TDORDD PIC '99',	/*	5004-5005	*/
3 BPEDY4 PIC '(4)9',	/*	5006-5009	*/
3 BPEDMM PIC '99',	/*	5010-5011	*/
3 BPEDDD PIC '99',	/*	5012-5013	*/
3 EADCY4 PIC '(4)9',	/*	5014-5017	*/
3 EADCMM PIC '99',	/*	5018-5019	*/
3 EADCDD PIC '99',	/*	5020-5021	*/
3 DTRAY4 PIC '(4)9',	/*	5022-5025	*/
3 DTRAMM PIC '99',	/*	5026-5027	*/
3 DTRADD PIC '99',	/*	5028-5029	*/
3 SOC CHAR(1),	/*	5030	*/
3 SEPDTY4 PIC '(4)9',	/*	5031-5034	*/
3 SEPDTMM PIC '99',	/*	5035-5036	*/
3 SEPDTDD PIC '99',	/*	5037-5038	*/
3 SPD CHAR(3),	/*	5039-5041	*/
3 BABR CHAR(2),	/*	5042-5043	*/
3 BRCD CHAR(2),	/*	5044-5045	*/
3 FACD CHAR(2),	/*	5046-5047	*/
3 UUIC CHAR(5),	/*	5048-5052	*/
3 REDCAT CHAR(1),	/*	5053	*/
3 ETHGP CHAR(1),	/*	5054	*/
3 BYRGP4 CHAR(4),	/*	5055-5058	*/
3 PHDT(10),	/*	5059-5138	*/
4 PHDTY4 PIC '(4)9',			
4 PHDTMM PIC '99',			
4 PHDTDD PIC '99',			
3 CELC CHAR(1),	/*	5139	*/
3 MEL CHAR(1),	/*	5140	*/
3 RCEAS(3) CHAR(3),	/*	5141-5149	*/
3 MARST CHAR(1),	/*	5150	*/
3 DEPS PIC '99',	/*	5151-5152	*/
3 NODA PIC '99',	/*	5153-5154	*/
3 COMPT CHAR(1),	/*	5155	*/
3 CURSA CHAR(1),	/*	5156	*/
3 COBO CHAR(2),	/*	5157-5158	*/

3 ORAPT CHAR(1),	/*	5159	*/
3 CPPN CHAR(2),	/*	5160-5161	*/
3 PPPN CHAR(2),	/*	5162-5163	*/
3 TGPGC CHAR(1),	/*	5164	*/
3 BRAOC1 CHAR(1),	/*	5165	*/
3 FAAOC1 CHAR(1),	/*	5166	*/
3 CADT CHAR(24),	/*	5167-5190	*/
3 CAFD CHAR(8),	/*	5191-5198	*/
3 CAL CHAR(3),	/*	5199-5201	*/
3 CAUN CHAR(4),	/*	5202-5205	*/
3 CMDSL1 CHAR(3),	/*	5206-5208	*/
3 CMDTR CHAR(3),	/*	5209-5211	*/
3 COLCA1 CHAR(8),	/*	5212-5219	*/
3 COLTA1 CHAR(8),	/*	5220-5227	*/
3 CSBAD(5) CHAR(2),	/*	5228-5237	*/
3 DEPOS CHAR(6),	/*	5238-5243	*/
3 DEROS CHAR(8),	/*	5244-5251	*/
3 LTCCA CHAR(8),	/*	5252-5259	*/
3 LTCTA CHAR(8),	/*	5260-5267	*/
3 SKILL(6) CHAR(2),	/*	5268-5279	*/
3 CYLU CHAR(30),	/*	5280-5309	*/
3 CMDSL5 CHAR(5),	/*	5310-5314	*/
3 CMDTR5 CHAR(5),	/*	5315-5319	*/
3 MILD(15) CHAR(2),	/*	5320-5349	*/
3 MILDAT(15) CHAR(4),	/*	5350-5409	*/
3 OFFER PIC '(6)9',	/*	5410-5415	*/
3 ACCEPT PIC '(6)9',	/*	5416-5421	*/
3 RECTYPE PIC '9',	/*	5422	*/
3 PROTYPE PIC '9',	/*	5423	*/
3 RECREFLG PIC '9',	/*	5424	*/
3 PROGY PIC '99',	/*	5425-5426	*/
3 LOSSFLG PIC '9',	/*	5427	*/
3 JUMPSFLG PIC '9',	/*	5428	*/
3 JUMPSAMT PIC '(6)9',	/*	5429-5434	*/
3 JUMPSMON PIC '999',	/*	5435-5437	*/
3 DFASFLG CHAR(1),	/*	5438	*/
3 DFASAMT PIC '(6)9',	/*	5439-5444	*/
3 DFASMON PIC '999',	/*	5445-5447	*/
3 LOSSTAFM PIC '999',	/*	5448-5450	*/
2 FLAG,			
3 OMFLAG(1979:2000) CHAR(1),	/*	5451-5472	*/
3 DUTYFL(1970:2000) CHAR(1),	/*	5473-5503	*/
3 SEPFL(1970:2000) CHAR(1),	/*	5504-5534	*/
2 SEPH (5),	/* Repeats 5 times 5535-5669: */		
3 EADCYY4 PIC '(4)9',			
3 EADCMM PIC '99',			
3 EADCDD PIC '99',			
3 SEPDTYY4 PIC '(4)9',			
3 SEPDTMM PIC '99',			
3 SEPDTDD PIC '99',			
3 BPEDYY4 PIC '(4)9',			
3 BPEDMM PIC '99',			
3 BPEDDD PIC '99',			
3 SPD CHAR(3);			

APPENDIX C
OSETDB Assignment History and Selection Board Data Elements

APPENDIX C

OSETDB ASSIGNMENT HISTORY AND SELECTION BOARD DATA ELEMENTS

OSETDB Data Elements from Selection Board File:

BOARDTP1- BOARDTP5	Type of Promotion Board 3 Characters A derived field indicating the Selection Board file of the promotion data. Code Values: CPT Captain Board File MAJ Major Board File COL Colonel Board File LTC Lt. Colonel Board File
BOARDYR1- BOARDYR5	Selection Board Year 4 Characters The last two digits of the year in which the promotion board met. Note: In 1994 the promotion board met twice, therefore, this field contains a '-1' or a '-2' in the last two digits of the 1994 board years (e.g. 94-1).
SELECT1- SELECT5	Selection Board Code 1 Character Indicates an officer's promotion selection status. Code Values: 1 Selected 2 Not Selected
ZONE1- ZONE5	Selection Board Zone 1 Character Indicates the officer's promotion zone. Code Values: 1 Below 2 In 3 Above

OSETDB Assignment History Data Elements:

The OSETDB Assignment History data elements are available from 1979 through 2000 unless otherwise indicated.

BABR(YY) Basic Branch for Commissioned Officers
2 Characters
The branch of service in which an officer is
commissioned or to which he is subsequently
transferred or appointed.

Code Values:

AD	Air Defense Artillery
AG	Adjutant General's Corps
AN	Army Nurse Corps
AR	Armor
AV	Aviation
CA	Civil Affairs/Military Government
CE	Communications-Electronics
CH	Chaplains
CM	Chemical Corps
DE	Dental Corps
EN	Corps of Engineers
FA	Field Artillery
FI	Finance Corps
GA	Administrative and Graphics
GC	Army General Staff
GO	General Officers
IG	Inspector General
II	Criminal/Intelligence Invest
IN	Infantry
JA	Judge Advocate General's Corps
MC	Medical Corps
MI	Military Intelligence Branch
MM	Mechanical Maintenance
MP	Military Police Corps
MS	Medical Service Corps
NG	National Guard Bureau
OD	Ordnance Corps
PR	Professor, US Military Academy
QM	Quartermaster Corps
SC	Signal Corps
SF	Special Forces
SP	Army Medical Specialist Corps
SS	Staff Specialist
SV	Supply and Services
TC	Transportation Corps
VC	Veterinary Corps
WC	Rescinded

BRCD(YY)

Branch Code

2 Characters

The branch that the officer received on entry to active duty or later received as a result of a branch transfer. For officers on active duty prior to the implementation of the Officer Personnel Management System (OPMS), this field may contain a functional area code.

NOTE: BRCD is available in 1986-2000 from the OMF and in 1987-2000 from the SOMF.

Code Values:

11	Infantry
12	Armor
13	Field Artillery
14	Air Defense Artillery
15	Aviation
18	Special Operations
21	Corps of Engineers
23	Contract Construction Management Engineer
25	Signal Corps
27	Communication/Electronic Engineer
28	Training Development
31	Military Police Corps
35	Military Intelligence
36	Central Intelligence Humint
37	Electronic Warfare Crypt
38	Civil Affairs (Reserve Components Only)
40-41	Personnel Management
42	Adjutant General Corps
43	Club Management
44	Finance Corps
45	Comptroller
46	Public Affairs
47	USMA Permanent Professor
48	Foreign Area Officer
49	Operational Research/Systems Analysis
50	Force Development
51	Research and Development
52	Nuclear Weapons
53	Systems Automation Officer
54	Operations, Plans and Training
55	Legal
56	Chaplain
60-62	Medical Corps
63	Dental Corps
64	Vet Corps
65	Medical Specialist Corps
66	Army Nurse Corps
67-68	Medical Service Corps
70	Logistics Management
71	Aviation Mat Management
72	Communications/Electronics Material
73	Missile Mat Management

74 Chemical Corps
 75 Munitions Mat Management
 76 Armament Mat Management
 77 TNK/GRND Mat Management
 81 Petroleum Management
 82 SUBSIS Management
 87 Marine and Terminal Operations
 88 Highway and Rail Operations
 95 Transportation Management
 91 Ordnance Corps
 92 Quartermaster Corps
 97 Procurement
 99 Combat Developments

CADT(YY) Current Assignment Duty Title
 24 Characters
 An alpha and numeric description of the duty which
 The officer is performing (abbreviated as required).

CAFD(YY) Current Assignment From Date
 6 Characters (yyymmdd) 1997 OSETDB
 8 Characters (ccyyymmdd) 1998 OSETDB
 A description of the officer's current assignment
 from date. The from date will represent Date
 of Entry on Active Duty in Current Tour, Reporting
 Date or the effective date of change for a unit
 redesignation, correction, or change in duty
 title, as applicable.

CAL(YY) Current Assignment Location Code
 3 Characters
 A code indicating the Army area and state or
 foreign country where an officer's unit is located.
 The first position contains the Army location
 number 1, 3, 5-7, the last two positions contain
 the alphabetic state abbreviation, or all 3
 positions contain a foreign country abbreviation.
 NOTE: CAL is available in 1979-1997 from the OMF
 and SOMF. See CYLU98 for 1998, CYLU99 for 1999,
 and CYLU00 for 2000.

CAUN(YY) Current Assignment Unit Number
 4 Characters
 Used in conjunction with Unit Designation to
 identify the individual's unit of assignment. The
 codes are established by Deputy Chief of Military
 Operations.

CELC (YY) Civilian Education Level
 1 Character
 Indicates the highest level of school attended or completed.

Code Values:

- 9 Non-high school graduate
- 8 High school graduate or General Education Development Test
- 7 Less than 2 years college, non-graduate (includes nurse)
- 6 2 or more years college, non-graduate (includes nurse), AA degree, AD degree, 2CX Test for 1948-53, or 2 years college equivalency)
- 5 College graduate, baccalaureate degree from accredited university
- 4 Year or more of post-graduate, no degree
- 3 Professional, for example, (M.D., D.D.S., L.L.B., C.E., S.T.B., B.TH., D.V.M., B.L.S., and O.D.)
- 2 Master's degree from accredited university
- 1 Doctoral degree from accredited university
- A Attending for Doctorate
- B Attending for Master's
- C Attending for Professional
- D Attending for Baccalaureate
- E Attending for Associate

CMDSL1 (YY) Troop Command Tour
 3 Characters
 Contains troop command assignment data for Colonel level.
 NOTE: CMDSL1 is available in 1979-1997 from the OMF and SOMF. See CMDSL598 for 1998, CMDSL599 for 1999, and CMDSL500 for 2000.

Code Values:

- 01 Principal Command Designee Deferred Colonel Level
 - 01A Combat Arms
 - 01B Combat Support Arms
 - 01C Logistics Troop Command
 - 01D Combat Service Support
 - 01E Project Manager
 - 01F District Engineer
 - 01G Aviation Command
 - 01H Joint Proponent Command
- 02 Commanded a HQDA Command Designated Unit at the Colonel Level
 - 02A Combat Arms (TOE)
 - 02B Combat Support Arms (TOE)
 - 02C Combat Service Support (TOE)

- 02D Combat Service Support (TDA)
- 02E District Engineer (TDA)
- 02F Aviation Command (TOE)
- 02G Aviation Command (TDA)
- 02J Joint Command (TDA)
- 02K Combat Arms (TDA)
- 02L Combat Support Arms (TDA)
- 02P Project Manager
- 02T Training Command (TDA)

- 03 Principal Designee Colonel Level (Temporary Entry)
 - 03A Combat Army (TOE)
 - 03B Combat Support Arms (TOE)
 - 03C Combat Service Support (TOE)
 - 03D Combat Service Support (TDA)
 - 03E District Engineer (TDA)
 - 03F Aviation Command (TOE)
 - 03G Aviation Command (TDA)
 - 03J Joint Command (TDA)
 - 03K Combat Arms (TDA)
 - 03L Combat Support Arms (TDA)
 - 03P Project Manager
 - 03T Training Command (TDA)

- 04 Alternate Designee Colonel Level (Temporary Entry)
 - 04A Combat Arms
 - 04B Combat Support Arms
 - 04C Combat Service Support
 - 04P Project Manager

- 05 Declined Command Colonel Level
 - 05A Combat Arms (TOE)
 - 05B Combat Support Arms (TOE)
 - 05C Combat Service Support (TOE)
 - 05D Combat Service Support (TDA)
 - 05E District Engineer (TDA)
 - 05F Aviation Command (TOE)
 - 05G Aviation Command (TDA)
 - 05J Joint Command (TDA)
 - 05K Combat Arms (TDA)
 - 05L Combat Support Arms (TDA)
 - 05P Project Management
 - 05T Training Command (TDA)

- 06 Commanded at the LTC Level Prior to Implementation of HQDA Centralized Command Selection
 - 06A Combat Arms Troop Command (TOE)
 - 06B FAO (Special Forces, Psyop, Civil Affairs) (TOE)
 - 06C Aviation Command (TOE)
 - 06D Training Battalion Command (TOE)
 - 06E Combat Support Arms Troop Command (TOE)
 - 06F Combat Support Arms Management Command (TOE)

- 06G Combat Service Support Arms Troop Command (TOE)
- 06H Combat Service Support Arms Management Command (TOE)
- 07 Commanded a HQDA Command Designated Unit at the LTC Level (TOE)
 - 07A Combat Arms Troop Command (TOE)
 - 07B FAO (Special Forces, Psyop, Civil Affairs) (TOE)
 - 07C Aviation Command (TOE)
 - 07D Training Battalion Command (TOE)
 - 07E Combat Support Arms Troop Command (TOE)
 - 07F Combat Support Arms Management Command (TOE)
 - 07G Combat Service Support Arms Troop Command (TOE)
 - 07H Combat Service Support Arms Management Command (TOE)
- 08 Commanding HQDA Command Designated Unit at the LTC Level (TOE)
 - 08A Combat Arms Troop Command (TOE)
 - 08B FAO (Special Forces, Psyop, Civil Affairs) (TOE)
 - 08C Aviation Command (TOE)
 - 08D Training Battalion Command (TOE)
 - 08E Combat Support Arms Troop Command (TOE)
 - 08F Combat Support Arms Management Command (TOE)
 - 08G Combat Service Support Arms Troop Command (TOE)
 - 08H Combat Service Support Arms Management Command (TOE)
- 09 Principal Command Designee LTC Level (TOE)
 - 09A Combat Arms Troop Command (TOE)
 - 09B FAO (Special Forces, Psyop, Civil Affairs) (TOE)
 - 09C Aviation Command (TOE)
 - 09D Training Battalion Command (TOE)
 - 09E Combat Support Arms Troop Command (TOE)
 - 09F Combat Support Arms Management Command (TOE)
 - 09G Combat Service Support Arms Troop Command (TOE)
 - 09H Combat Service Support Arms Management Command (TOE)
- 11 Ineligible for Command Consideration
 - 11A Retirement
 - 11B Separation
 - 11C OBV
 - 11D PR (USMA)
 - 11E Other
 - 11F Declined Consideration

- 11G Declined Command (LTC)
- 11H Relieved
- 11K PAP (USMA)
- 11O Former PM
- 11P Declined Product Manager

- 12 Commanding HQDA Command Designated Unit at the Colonel Level
 - 12A Combat Arms (TOE)
 - 12B Combat Support Arms (TOE)
 - 12C Combat Service Support (TOE)
 - 12D Combat Service Support (TDA)
 - 12E District Engineer (TDA)
 - 12F Aviation Command (TOE)
 - 12G Aviation Command (TDA)
 - 12J Joint Command (TDA)
 - 12K Combat Arms (TDA)
 - 12L Combat Support Arms (TDA)
 - 12P Project Manager
 - 12T Training Command (TDA)

 - 13A Company Level Command for Company Grade Officers

- 14 Principal Command Designee Deferred LTC Level
 - 14A Combat Arms Troop Command
 - 14B FAO (Special Forces, Psyop, Civil Affairs)
 - 14C Aviation Command
 - 14D Training Battalion Command
 - 14E Combat Support Arms Troop Command
 - 14F Combat Support Arms Management Command
 - 14G Combat Service Support Arms Troop Command
 - 14H Combat Service Support Arms Management Command
 - 14P Deferred Product Manager - HQDA Centralized Selection

- 26 Commanded at the LTC Level Prior to Implementation of HQDA Centralized Command Selection (TDA)
 - 26A Combat Arms Troop Command (TDA)
 - 26B FAO (Special Forces, Psyop, Civil Affairs) (TDA)
 - 26C Aviation Command (TDA)
 - 26D Training Battalion Command (TDA)
 - 26E Combat Support Arms Troop Command (TDA)
 - 26F Combat Support Arms Management Command (TDA)
 - 26G Combat Service Support Arms Troop Command (TDA)
 - 26H Combat Service Support Arms Management Command (TDA)
 - 26P Product Manager (PM) Prior to HQDA Centralized Command Selection

- 27 Commanded a HQDA Command Designated Unit at the LTC Level (TDA)
 - 27A Combat Arms Troop Command (TDA)
 - 27B FAO (Special Forces, Psyop, Civil Affairs) (TDA)
 - 27C Aviation Command (TDA)
 - 27D Training Battalion Command (TDA)
 - 27E Combat Support Arms Troop Command (TDA)
 - 27F Combat Support Arms Management Command (TDA)
 - 27G Combat Service Support Arms Troop Command (TDA)
 - 27H Combat Service Support Arms Management Command (TDA)
 - 27P Former Product Manager - HQDA Centralized Selection (TDA)

- 28 Commanding HQDA Command Designated Unit at the LTC Level (TDA)
 - 28A Combat Arms Troop Command (TDA)
 - 28B FAO (Special Forces, Psyop, Civil Affairs) (TDA)
 - 28C Aviation Command (TDA)
 - 28D Training Battalion Command (TDA)
 - 28E Combat Support Arms Troop Command (TDA)
 - 28F Combat Support Arms Management Command (TDA)
 - 28G Combat Service Support Arms Troop Command (TDA)
 - 28H Combat Service Support Arms Management Command (TDA)
 - 28P Serving Product Manager - HQDA Centralized Selection (TDA)

- 29 Principal Command Designee LTC Level (TDA)
 - 29A Combat Arms Troop Command (TDA)
 - 29B FAO (Special Forces, Psyop, Civil Affairs) (TDA)
 - 29C Aviation Command (TDA)
 - 29D Training Battalion Command (TDA)
 - 29E Combat Support Arms Troop Command (TDA)
 - 29F Combat Support Arms Management Command (TDA)
 - 29G Combat Service Support Arms Troop Command (TDA)
 - 29H Combat Service Support Arms Management Command (TDA)
 - 29P Designee Product Manager - HQDA Centralized Selection (TDA)

CMDSL598 Troop Command Tour
 CMDSL599 5 Characters
 CMDSL500 Contains troop command assignment data for Colonel level.
 NOTE: CMDSL5yy is available in 1998-2000 from the OMF and SOMF. See CMDSL1(YF) for 1979-1997.

CMDTR(YY) Troop Command Tour
 3 Characters
 Contains troop command assignment data for Lt. Colonel level.
 NOTE: CMDTR is available in 1980-1997 from the OMF and SOMF. See CMDTR598 for 1998, CMDTR599 for 1999, and CMDTR500 for 2000.

Code Values:
 Refer to data element CDMSL1 for the 1979-1997 code values.

CMDTR598 Troop Command Tour
 CMDTR599 5 Characters
 CMDTR500 Contains troop command assignment data for Lt. Colonel level.
 NOTE: CMDTR5yy is available in 1998-2000 from the OMF and SOMF. See CMDTR(YY) for 1979-1997.

COLCA1(YY) Troop Command Date Terminated Assignment
 8 Characters (ccyyymmdd)
 The date an individual completed serving in a Colonel level command position.
 NOTE: COLCA1 is available in 1983-2000 from the OMF and SOMF.

COLTA1(YY) Troop Command Date Commenced Assignment
 8 Characters (ccyyymmdd)
 The date an individual began serving in a Colonel level command position.
 NOTE: COLTA1 is available in 1983-2000 from the OMF and SOMF.

CPPN(YY) Current Procurement Program Number
 2 Characters
 An identification of the source from which commissioned or appointed, or the reason for return to the active army once separated or dropped from the rolls. The code values for this data element can be obtained from Army Regulation AR 601-110 and the OMF Users Information Manual.

CSBAD1 (YY) - Combat and Special Skill Badges
CSBAD5 (YY) 2 Characters
A recognition to denote proficiency in performance of duties under hazardous conditions and circumstances of extraordinary hardship as well as special qualifications and successful completion of prescribed courses of training.
NOTE: CSBAD1-CSBAD5 are available in 1986-2000 from the OMF and SOMF.

Code Values:

CI	Combat Infantryman Badge
EI	Expert Infantryman Badge
CM	Combat Medical Badge
EM	Expert Field Medical Badge
MP	Master Parachutist Badge (Group 1)
SP	Senior Parachutist Badge (Group 1)
PC	Parachutist Badge (Group 1)
MA	Master Army Aviator (Group 2)
SA	Senior Army Aviator (Group 2)
AV	Army Aviator (Group 2)
FN	Naval Flight Officer Insignia
MS	Master Flight Surgeon (Group 3)
SS	Senior Flight Surgeon (Group 3)
FS	Flight Surgeon (Group 3)
MD	Master Diver (Group 4)
FC	First-Class Diver (Group 4)
SL	Salvage Diver (Group 4)
SC	Second-Class Diver (Group 4)
SD	Scuba Diver (Group 4)
ND	Naval Diving Officer Insignia (Group 4)
ME	Master Explosive Ordnance Disposal (Group 5)
SE	Senior Explosive Ordnance Disposal (Group 5)
ED	Explosive Ordnance Disposal (Group 5)
GB	Glider Badge
PF	Pathfinder Badge
AA	Air Assault Badge
MC	Master Aircraft Crewman (Group 6)
SB	Senior Aircraft Crewman (Group 6)
AC	Aircraft Crewman (Group 6)
NA	U.S. Navy Aircrew Insignia (Group 6)
NC	Nuclear Reactor, Reactor Commander (Group 7)
NP	Nuclear Reactor, Plant Supervisor (Group 7)
SN	Nuclear Reactor, Shift Supervisor (Group 7)
NF	Nuclear Reactor, First Class (Group 7)
NS	Nuclear Reactor, Second Class (Group 7)
NB	Nuclear Reactor, Basic (Group 7)
AM	Air Force Missile Badge
RT	Ranger Tab
SF	Special Forces Tab
DM	Driver and Mechanic Badge
IS	U.S. Distinguished International Shooter Badge
DR	Distinguished Rifleman Badge
PS	Distinguished Pistol Shot Badge

ER Excellence in Competition Badge, Rifleman
 EP Excellence in Competition Badge, Pistol
 PH President's Hundred Tab
 FA Air Force Flight Nurse Badge
 FB Air Force Navigator/Observer Badge
 FD Air Force Master Space Badge
 FE Air Force Senior Space Badge
 FF Air Force Basic Space Badge
 FG USAF Security Police Qualification Badge, Basic
 FH USAF Air Weapons Controller Badge
 FI USAF Air Traffic Controller Badge, Master
 FJ USAF Air Traffic Controller Badge, Senior
 FK USAF Air Traffic Controller Badge, Basic
 FL Air Force Senior Dental Badge
 FM USAF Security Police Qualification Badge, Senior
 FP Air Force Pilot Badge, Basic
 FR USAF Security Police Qualification Badge, Master
 NI U.S. Navy Submarine Insignia
 NM U.S. Navy Diving (Medical) Insignia
 NW Naval Special Warfare Insignia
 PI U.S. Navy Parachute Insignia
 PR Parachute Rigger Badge
 DP U.S. Navy Nuclear Missile Submarine Deterrent Patrol Insignia

CYLU98 Current Assignment Location Code
 CYLU99 30 Characters
 CYLU00 The Army area and state or foreign country where an officer's unit is located.
 NOTE: CYLUyy is available in 1998-2000 from the OMF and SOMF. See CAL(YY) for 1979-1997.

DEPOS(YY) Year-Month Departed for Overseas Tour
 6 Characters (ccyymm)
 The year and month an officer departed from a port in the continental U.S. (CONUS) to overseas for a new assignment.

DEROS(YY) Date Eligible for Return from Overseas
 8 Characters (ccymmdd)
 The date the individual will become eligible to return to continental U.S. (CONUS) or non-CONUS area of residence from overseas service.

FACD (YY) Functional Area Code
 2 Characters
 The additional designated specialty in which an officer will be managed and developed under the Officer Personnel Management System (OPMS). For officers on active duty prior to the implementation of the revised OPMS, this field may contain a Branch code. Refer to data element BRCD for the code values.
 NOTE: FACD is available in 1986-2000 from the OMF and in 1987-2000 from the SOMF.

FAST1 (YY) & Foreign Area Officer Program - #1 and #2 Status
 FAST3 (YY) Code
 1 Character
 The competency of an officer in the Foreign Area Officer Program (FAO).
 NOTE: FAST1 is available in 1979-1997 from the OMF and SOMF. FAST3 is available in 1983-1997 from the OMF and SOMF.

Code Values:
 1 Identified for Future Training or Assignment
 2 In FAO Regional Training
 3 Partially Qualified
 4 Fully Qualified
 9 Deletion

FAST2 (YY) & Foreign Area Officer Program - #1 and #2 Country
 FAST4 (YY) Specialized
 2 Characters
 The country in which an officer specialized in the Foreign Area Officer Program (FAO).
 NOTE: FAST2 is available in 1979-1997 from the OMF and SOMF. FAST4 is available in 1983-1997 from the OMF and SOMF.

Code Values:
 4A Africa, South of Sahara
 4C West Europe
 4E Russia/East Europe
 4G Middle East/North Africa
 4K Latin America
 4M China
 4N Northeast Asia
 4Q South Asia
 4R Southeast Asia
 4Y International Military Affairs
 4Z Area Unspecified

HEIGT(YY) Physical Data - Height
 2 Numeric
 The stature of the officer measured in inches.

LTCCA(YY) Troop Command Date Commenced Assignment
 8 Characters (ccyyymmdd)
 The date an individual began serving in a Lt.
 Colonel level command position.
 NOTE: LTCCA is available in 1983-2000 from the OMF
 and SOMF.

LTCTA(YY) Troop Command Date Terminated Assignment
 8 Characters (ccyyymmdd)
 The date an individual completed serving in a
 Lt. Colonel level command position.
 NOTE: LTCTA is available in 1983-2000 from the OMF
 and SOMF.

MARST(YY) Marital Status
 1 Character
 The legal status of an individual as it relates to
 marriage.

 Code Values:
 A Annulled
 D Divorced
 I Interlocutory
 J Married to a Service Member
 L Legally Separated
 M Married
 S Single
 W Widowed

MEL(YY) Military Education Level
 1 Character
 Indicates the highest Military Schooling Credit
 (attended, non-resident or constructive) attained
 during the officer's current status only (i.e., as
 a commissioned officer). Also included are
 commissioned officers selected to attend Senior
 Service Schools.

 Code Values:
 1 Senior Service College Graduate (includes
 Foreign SSC, Army War College, Corresponding
 Studies, SSC Selectee for the next class and
 Constructive Credit Awards)
 2 Senior Service College Resident Selectee -
 but Deferred (Foreign and US)
 3 Army War College Corresponding Studies -

	Selectee
4	Staff College Level Graduate (includes electee for the next class, Resident, Non-resident, Constructive Credit, and Foreign Schools)
5	Staff College Level Selectee - but Deferred Graduate
6	Branch Advanced Course Graduate (Resident or Non-Resident)
7	Branch Basic Course Graduate (Resident or Non-Resident)
8	Specialist Course Graduate (Resident or Non-Resident)
9	Negative
L	Combined Arms and Service Staff School (CAS3) Phase I-Enrollee
M	Combined Arms and Service Staff School (CAS3) Phase I-Completed
N	Combined Arms and Service Staff School (CAS3)
A	Warrant Officer Senior Course (attended/constructive credit)
B	Warrant Officer Advanced Course (attended/constructive credit)
C	Warrant Officer Entry Course (attended/constructive credit)
D	Warrant Officer Functional or Skill Refinement Course (attended/constructive credit)
E	Negative
F	Warrant Officer Senior Course (deferred)
G	Warrant Officer Senior Course (Non-Resident Enrollee)
H	Warrant Officer Advanced Course (Non-Resident Enrollee)
S	C&GSC (Non-Resident Enrollee)
T	Advanced Course Non-Resident Enrollee
Y	None

MILD1 -
MILD15

Military Decorations
2 Characters

A medal, badge, or device, to be worn on the military uniform, awarded to a service member by a U.S. Armed Force for specific act or acts of gallant or meritorious service.

NOTE: MILD1-MILD15 do not repeat for the 1979-2000 year segments because the data are cumulative over time. The fields were available in 1983-2000 from the OMF and in 1984-2000 from the SOMF.

Code Values:

MH	Medal of Honor
DX	Distinguished Service Cross
DS	Defense Distinguished Service Medal
NX	Navy Cross
FC	Air Force Cross
DM	Distinguished Service Medal
SS	Silver Star
SU	Defense Superior Service Medal
LM	Legion of Merit
DF	Distinguished Flying Cross
MS	Soldier's Medal
CG	Coast Guard Medal
NM	Navy and Marine Corps Medal
AM	Airman's Medal
BS	Bronze Star Medal
BV	Bronze Star Medal with Combat Distinguishing Device "V"
PH	Purple Heart
MR	Defense Meritorious Service Medal
MM	Meritorious Service Medal
AS	Air Medal
AD	Air Medal with Combat Distinguishing Device "V"
JS	Joint Service Commendation Medal
JV	Joint Service Commendation Medal with Combat Distinguishing Device "V"
CA	Army Commendation Medal
AV	Army Commendation Medal with Combat Distinguishing Device "V"
JA	Joint Service Achievement Medal
CN	Navy Commendation Medal
NV	Navy Commendation Medal with Combat Distinguishing Device "V"
MA	Army Achievement Medal
NA	Navy Achievement Medal
CF	Air Force Commendation Medal
CC	Coast Guard Commendation Medal
AC	Air Force Achievement Medal
CM	Coast Guard Achievement Medal
CR	Combat Action Ribbon

MILDAT1 - Military Decoration Year (derived)
MILDAT15 4 Characters (ccyy)
The year a military decoration was awarded. This data element was derived by assigning the year of the OMF or SOMF file in which the military decoration first appeared.
NOTE: These data elements do not repeat for the 1979 through 2000 year segments.

NODA(YY) Number of Adult Dependents
2 Numeric
The number of persons, 21 years of age or older, (includes spouse) who are authorized dependents of the sponsor.
Code Values:
0 No Adult Dependents
1-99 Number of Adult Dependents

NOADC(YY) Number of Dependent Children
2 Numeric
The number of persons, under 21 years of age, who are authorized dependents of the sponsor.
Code Values:
0 No Child Dependents
1-99 Number of Child Dependents

OPP(YY) Officer Promotion Potential Code
1 Character
A code to indicate the officer's potential for promotion to the next higher grade.
NOTE: OPP is available in 1983-1991 from the OMF and SOMF.
Code Values:
P Officer has Promotion Potential
R Officer is a Promotion Risk

OPPDTE Officer Promotion Potential Date
6 Characters (ccyymm)
The date the officer's potential for promotion to the next higher grade was last updated.
NOTE: OPPDTE is available in 1983-2000 from the OMF and SOMF.

PPPN(YY) Previous Procurement Program Number
2 Characters
The original Procurement Program Number of officers who have been integrated into the Regular Army from another component while on active duty. The code values for this data element can be obtained from Army Regulation AR 601-110 and the OMF Users Information Manual.

SKILL1(YY) - Skills
SKILL6(YY) 2 Characters
Identifies specialized skills possessed by the officer which may be related to more than one branch or functional area. Refer to AR 611-101 for code values.
NOTE: SKILL1-SKILL6 are available in 1986-2000 from the OMF and in 1987-2000 from the SOMF.

TGPGC(YY) Temporary Grade/Promotable Grade Code
1 Character
The grade code of an officer who is in a promotable status.

Code Values:

A Promotable grade code for G A, GEN, LTG, M G, and B G
B Promotable grade code for COL
C Promotable grade code for LTC
D Promotable grade code for MAJ
E Promotable grade code for CPT
F Promotable grade code for 1LT
G Promotable grade code for 2LT
U Promotable grade code for CW4
V Promotable grade code for CW3
W Promotable grade code for CW2
X Promotable grade code for WO1

TGRA(YY) Temporary Grade
6 Characters
A field containing the standard grade abbreviation of the temporary grade held by an officer. This data element is the last or current rank for the officer. The date on which this rank was achieved is stored in the data element TDOR. It is not reflected in the promotion history data elements.

Code Values:

G A General of the Army
GEN General
LTG Lieutenant General
M G Major General

B G Brigadier General
COL Colonel
LTC Lieutenant Colonel
MAJ Major
CPT Captain
1LT First Lieutenant
2LT Second Lieutenant
UNK Unknown

UUIC(YY) Parent Unit Designator and Descriptive Designator
5 Characters
Represents the U.S. Army Reserve or National Guard unit which was called up for Active Duty during mobilization. Used to identify officers who entered active duty when their particular Reserve or National Guard units were activated under emergency mobilization. See AR 18-50-11 for code values.
NOTE: UUIC is available in 1981-2000 from the OMF and SOMF.

WEIGT(YY) Physical Data - Weight
3 Numeric
The number of pounds an officer weighs.

APPENDIX D
Record Layout of Flat OSETDB Data Sets

APPENDIX D

RECORD LAYOUT OF FLAT OSETDB DATA SETS

1999 OSETDB

STARTING POSITION	VARIABLE	LENGTH	
1	IDNUM	\$ 10	
12	ETSTSTMM	\$ 2	/* ETS DATA */
14	ETSTSTYY	\$ 2	
16	ETSEDLEV	\$ 2	
18	ETSVERB	3	
21	ETSMATH	3	
24	ETSREAD	2	
26	ETSVOCAB	2	
28	ETSTSWE	\$ 3	
31	ETSTST	\$ 4	
35	ETSYEAR	\$ 4	
39	OFFRYY	\$ 2	/* VSI DATA */
41	OFFRMM	\$ 2	
43	OFFRDD	\$ 2	
45	ACPTY	\$ 2	
47	ACPTMM	\$ 2	
49	ACPTDD	\$ 2	
51	RECTYP	\$ 1	
52	PROTYP	\$ 1	
53	REPFLG	\$ 1	
54	PROGFY	\$ 2	
56	LOSFLG	\$ 1	
57	JMPFLG	\$ 1	
58	JMPAMT	6	
64	JMPMON	3	
67	DFASFLG	\$ 1	
68	DFASAMT	6	
74	DFASMON	3	
77	LOSSTAFM	3	
80	ACTSTATE	\$ 4	/* ACT DATA */
84	ACTZIP	\$ 5	
89	ACTSEX	\$ 2	
91	ACTCLASS	\$ 2	
93	ACTDOB	\$ 6	
117	ACTCNTY	\$ 17	
137	ACTPADDR	\$ 1	
181	ACTOENG	2	
183	ACTOMATH	2	
185	ACTOSOC	2	
187	ACTOSCI	2	
189	ACTOCOMP	2	
211	ACTHSGAE	\$ 1	
212	ACTHSGAM	\$ 1	
213	ACTHSGAS	\$ 1	
214	ACTHSGAN	\$ 1	

STARTING POSITION	VARIABLE	LENGTH
215	ACTHSGNE	\$ 1
216	ACTHSGNM	\$ 1
217	ACTHSGNS	\$ 1
218	ACTHSGNN	\$ 1
219	ACTGRNUM	\$ 1
223	ACTGRDYY	\$ 2
233	ACTTSTMM	\$ 2
235	ACTTSTYY	\$ 2
249	ACTTYPE	\$ 1
261	ACTENG	2
263	ACTMATH	2
269	ACTCOMP	2
272	ACTSUM	3
281	ACTIISCI	2
285	ACTIIART	2
289	ACTIISOC	2
293	ACTIICON	2
297	ACTIIBUS	2
301	ACTIITEC	2
303	ACTMAJI	2
305	ACTMAJII	2
307	ACTREGN	\$ 2
311	ACTCOLCH	\$ 1
316	ACTCOLLG	\$ 4
369	ACTIPSCI	2
371	ACTIPART	2
373	ACTIPSOC	2
375	ACTIPCON	2
377	ACTIPBUS	2
379	ACTIPTEC	2
401	ACTENROL	\$ 1 /* STUDENT PROFILE */
402	ACTATTND	\$ 1 /* SECTION */
403	ACTENTER	\$ 1
404	ACTLIVE	\$ 1
405	ACTMARRY	\$ 1
406	ACTCITIZ	\$ 1
407	ACTRES	\$ 1
408	ACTDISAB	\$ 1
409	ACTMILT	\$ 1
410	ACTCREDT	\$ 1
411	ACTCMAJ	\$ 3
414	ACTVOC1	\$ 3
417	ACTVOC2	\$ 3
420	ACTSUREM	\$ 1
421	ACTSUREV	\$ 1
422	ACTEDLEV	\$ 1
423	ACTESTGR	\$ 1
424	ACTROTC	\$ 1
425	ACTHELP1 -	\$ 1 (EACH)
	ACTHELP6	
431	ACTINDEP	\$ 1

STARTING POSITION	VARIABLE	LENGTH
432	ACTHONOR	\$ 1
433	ACTFORGN	\$ 1
434	ACTADENG	\$ 1
435	ACTADMTH	\$ 1
436	ACTADSOC	\$ 1
437	ACTADSCI	\$ 1
438	ACTADFR	\$ 1
439	ACTADGER	\$ 1
440	ACTADSP	\$ 1
441	ACTADLAN	\$ 1
442	ACTCRENG	\$ 1
443	ACTCRMTH	\$ 1
444	ACTCRSOC	\$ 1
445	ACTCRSCI	\$ 1
446	ACTINSTR	\$ 1
447	ACTMUSIC	\$ 1
448	ACTGOVT	\$ 1
449	ACTPUBS	\$ 1
450	ACTDEBAT	\$ 1
451	ACTCLUBS	\$ 1
452	ACTDRAMA	\$ 1
453	ACTRELOR	\$ 1
454	ACTETHOR	\$ 1
455	ACTINATH	\$ 1
456	ACTVRATH	\$ 1
457	ACTPOLIT	\$ 1
458	ACTRADIO	\$ 1
459	ACTFRAT	\$ 1
460	ACTSPINT	\$ 1
461	ACTSVC	\$ 1
462	ACTFAID	\$ 1
463	ACTWORK	\$ 1
464	ACTWRKHR	\$ 1
465	ACTINCOM	\$ 1
466	ACTPOPUL	\$ 1
467	ACTSIBS	\$ 1
468	ACTRELIG	\$ 1
469	ACTFAR	\$ 1
470	ACTENGSP	\$ 1
471	ACTETHNC	\$ 1
472	ACTCTYPE	\$ 1
473	ACTCOED	\$ 1
474	ACTSTAT1 -	\$ 2 (EACH)
	ACTSTAT5	
484	ACTTUITN	\$ 1
485	ACTSIZE	\$ 1
486	ACTINTYP	\$ 1
487	ACTINBDY	\$ 1
488	ACTINLOC	\$ 1
489	ACTINTUI	\$ 1
490	ACTINSIZ	\$ 1

STARTING POSITION	VARIABLE	LENGTH
491	ACTINMAJ	\$ 1
492	ACTINOTH	\$ 1
493	ACTHSTYP	\$ 1
494	ACTHSSIZ	\$ 1
495	ACTHSRAC	\$ 1
496	ACTHSRNK	\$ 1
497	ACTHSOAV	\$ 1
498	ACTHSCRS	\$ 1
499	ACTENGYR	\$ 1
500	ACTMTHYR	\$ 1
501	ACTSOCYR	\$ 1
502	ACTSCIYR	\$ 1
503	ACTSPYR	\$ 1
504	ACTGERYR	\$ 1
505	ACTFRYR	\$ 1
506	ACTLANYR	\$ 1
507	ACTBUSYR	\$ 1
508	ACTVOCYR	\$ 1
509	ACTHSENG	\$ 1
510	ACTHSMTH	\$ 1
511	ACTHSSOC	\$ 1
512	ACTHSSCI	\$ 1
513	ACTHSLAN	\$ 1
514	ACTEXT1 -	\$ 1 (EACH)
	ACTEXT16	
530	ACTLEAD1 -	\$ 1 (EACH)
	ACTLEAD7	
537	ACTMUSC1 -	\$ 1 (EACH)
	ACTMUSC7	
544	ACTSPCH1 -	\$ 1 (EACH)
	ACTSPCH7	
551	ACTART1 -	\$ 1 (EACH)
	ACTART7	
558	ACTWRIT1 -	\$ 1 (EACH)
	ACTWRIT7	
565	ACTSCI1 -	\$ 1 (EACH)
	ACTSCI7	
572	ACTATHL1 -	\$ 1 (EACH)
	ACTATHL7	
579	ACTSVC1 -	\$ 1 (EACH)
	ACTSVC7	
586	ACTWORK1 -	\$ 1 (EACH)
	ACTWORK7	
593	ACTEXP1 -	\$ 1 (EACH)
	ACTEXP11	
604	ACTEXPAQ	\$ 1
605	ACTEOS	\$ 1
606	ACTOCA1 -	\$ 1 (EACH)
	ACTOCA9	
615	ACTTST	\$ 4

STARTING POSITION	VARIABLE	LENGTH	
619	DOB	\$ 8	/* CORE DATA */
627	SEX	\$ 1	
628	TGRA	\$ 3	
631	TDOR	\$ 8	
639	BPED	\$ 8	
647	EADC	\$ 8	
655	DTRA	\$ 8	
663	SOC	\$ 1	
664	SEPDT	\$ 8	
672	SPD	\$ 3	
675	BABR	\$ 2	
677	BRCD	\$ 2	
679	FACD	\$ 2	
681	UUIC	\$ 5	
686	REDCAT	\$ 1	
687	ETHGP	\$ 1	
688	BYRGP	\$ 4	
692	PHDT1 -	\$ 8	(EACH)
	PHDT10		
772	CELC	\$ 1	
773	MEL	\$ 1	
774	RCEAS1 -	\$ 3	(EACH)
	RCEAS3		
783	MARST	\$ 1	
784	DEPS	2	
786	NODA	2	
788	COMPT	\$ 1	
789	CURSA	\$ 1	
790	COBO	\$ 2	
792	ORAPT	\$ 1	
793	CPPN	\$ 2	
795	PPPN	\$ 2	
797	TGPGC	\$ 1	
798	BRAOC1	\$ 1	
799	FAAOC1	\$ 1	
800	MEDN3	\$ 4	
804	MED1A	\$ 6	
810	MED2A	\$ 2	
812	MED3A	\$ 4	
816	MED4A	\$ 2	
818	MED3B	\$ 4	
822	MABC3A	\$ 4	
826	MABC3B	\$ 4	
830	MEDMO2	\$ 2	
832	MEDMO3	\$ 3	
835	MDMO32	\$ 3	
838	MDMO22	\$ 2	
840	MDGRDYY	\$ 4	
844	MDGRDMM	\$ 2	
846	MDGRDDD	\$ 2	

STARTING POSITION	VARIABLE	LENGTH
848	OMFLAG79 -	\$ 1 (EACH)
	OMFLAG99	
869	DUTYFL70 -	\$ 1 (EACH)
	DUTYFL99	
899	SEPFL70 -	\$ 1 (EACH)
	SEPFL99	
929	PROMO1 -	10.2 (EACH)
	PROMO9	
1019	ACTYEAR	\$ 4
1023	FLAGACT	\$ 1
1024	FLAGETS	\$ 1
1025	MILD1 -	\$ 2 (EACH)
	MILD15	
1055	MILDAT1 -	\$ 4 (EACH)
	MILDAT15	

/* OADB YEAR SECTION REPEATS 21 TIMES - 1979 thru 1999 */

1115	TGRA	\$ 3 /* OADB 1979 */
1118	TGPGC	\$ 1
1119	CPPN	\$ 2
1121	PPPN	\$ 2
1123	MEL	\$ 1
1124	CELC	\$ 1
1125	MARST	\$ 1
1126	NODA	2
1128	NOADC	2
1130	FACD	\$ 2
1132	BABR	\$ 2
1134	BRCD	\$ 2
1136	CAFD	\$ 8
1144	CAUN	\$ 4
1148	CAL	\$ 3
1151	CADT	\$ 24
1175	CMDTR	\$ 3
1178	LTCCA	\$ 8
1186	LTCTA	\$ 8
1194	CMDSL1	\$ 3
1197	COLCA1	\$ 8
1205	COLTA1	\$ 8
1213	DEPOS	\$ 6
1219	DEROS	\$ 8
1227	CSBAD1 -	\$ 2 (EACH)
	CSBAD5	
1237	SKILL1 -	\$ 2 (EACH)
	SKILL6	
1249	HEIGT	2
1251	WEIGT	3
1254	FAST1	\$ 1
1255	FAST2	\$ 2
1257	FAST3	\$ 1

STARTING POSITION	VARIABLE	LENGTH	
1258	FAST4	\$ 2	/* OADB 1979 */
1260	OPP	\$ 1	/* CONTINUED */
1261	OPPDTE	\$ 6	
1267	UUIC	\$ 5	
/* THE 1979 OADB VARIABLES REPEAT FOR 1980 THRU 1999 */			
1272	OADB 1980	157	
1429	OADB 1981	157	
1586	OADB 1982	157	
1743	OADB 1983	157	
1900	OADB 1984	157	
2057	OADB 1985	157	
2214	OADB 1986	157	
2371	OADB 1987	157	
2528	OADB 1988	157	
2685	OADB 1989	157	
2842	OADB 1990	157	
2999	OADB 1991	157	
3156	OADB 1992	157	
3313	OADB 1993	157	
3470	OADB 1994	157	
3627	OADB 1995	157	
3784	OADB 1996	157	
3941	OADB 1997	157	
4098	OADB 1998	157	
4255	CYLU98	\$30	
4285	CMDTR598	\$ 5	
4290	CMDSL598	\$ 5	
4295	OADB 1999	157	
4452	CYLU99	\$30	
4482	CMDTR599	\$ 5	
4487	CMDSL599	\$ 5	
4492	BOARDTP1	\$ 3	/* SELECTION */
4495	BOARDTP2	\$ 3	/* BOARD DATA */
4498	BOARDTP3	\$ 3	
4501	BOARDTP4	\$ 3	
4504	BOARDTP5	\$ 3	
4507	BOARDYR1	\$ 4	
4511	BOARDYR2	\$ 4	
4515	BOARDYR3	\$ 4	
4519	BOARDYR4	\$ 4	
4523	BOARDYR5	\$ 4	
4527	SELECT1	\$ 1	
4528	SELECT2	\$ 1	
4529	SELECT3	\$ 1	
4530	SELECT4	\$ 1	
4531	SELECT5	\$ 1	

STARTING POSITION	VARIABLE	LENGTH
4532	ZONE1	\$ 1
4533	ZONE2	\$ 1
4534	ZONE3	\$ 1
4535	ZONE4	\$ 1
4536	ZONE5	\$ 1

NOTE: THE DOLLAR SIGN (\$) SYMBOL PRECEEDING THE LENGTH OF THE VARIABLE INDICATES THAT THE VARIABLE IS DEFINED AS A CHARACTER VALUE IN THE SAS VERSION OF THE OSETDB.

2000 OSETDB

STARTING POSITION	VARIABLE	LENGTH	
1	IDNUM	\$ 10	
12	ETSTSTMM	\$ 2	/* ETS DATA */
14	ETSTSTYY	\$ 2	
16	ETSEDLEV	\$ 2	
18	ETSVERB	3	
21	ETSMATH	3	
24	ETSREAD	2	
26	ETSVOCAB	2	
28	ETSTSWE	\$ 3	
31	ETSTST	\$ 4	
35	ETSYEAR	\$ 4	
39	OFFFRYY	\$ 2	/* VSI DATA */
41	OFFRMM	\$ 2	
43	OFFRDD	\$ 2	
45	ACPTY	\$ 2	
47	ACPTMM	\$ 2	
49	ACPTDD	\$ 2	
51	RECTYP	\$ 1	
52	PROTYP	\$ 1	
53	REPFLG	\$ 1	
54	PROGFY	\$ 2	
56	LOSFLG	\$ 1	
57	JMPFLG	\$ 1	
58	JMPAMT	6	
64	JMPMON	3	
67	DFASFLG	\$ 1	
68	DFASAMT	6	
74	DFASMON	3	
77	LOSSTAFM	3	
80	ACTSTATE	\$ 4	/* ACT DATA */
84	ACTZIP	\$ 5	
89	ACTSEX	\$ 2	
91	ACTCLASS	\$ 2	
93	ACTDOB	\$ 6	
117	ACTCNTY	\$ 17	
137	ACTPADDR	\$ 1	
181	ACTOENG	2	
183	ACTOMATH	2	
185	ACTOSOC	2	
187	ACTOSCI	2	
189	ACTOCOMP	2	
211	ACTHSGAE	\$ 1	
212	ACTHSGAM	\$ 1	
213	ACTHSGAS	\$ 1	
214	ACTHSGAN	\$ 1	

STARTING POSITION	VARIABLE	LENGTH
215	ACTHSGNE	\$ 1
216	ACTHSGNM	\$ 1
217	ACTHSGNS	\$ 1
218	ACTHSGNN	\$ 1
219	ACTGRNUM	\$ 1
223	ACTGRDYY	\$ 2
233	ACTTSTMM	\$ 2
235	ACTTSTYY	\$ 2
249	ACTTYPE	\$ 1
261	ACTENG	2
263	ACTMATH	2
269	ACTCOMP	2
272	ACTSUM	3
281	ACTIISCI	2
285	ACTIIART	2
289	ACTIISOC	2
293	ACTIICON	2
297	ACTIIBUS	2
301	ACTIITEC	2
303	ACTMAJI	2
305	ACTMAJII	2
307	ACTREGN	\$ 2
311	ACTCOLCH	\$ 1
316	ACTCOLLG	\$ 4
369	ACTIPSCI	2
371	ACTIPART	2
373	ACTIPSOC	2
375	ACTIPCON	2
377	ACTIPBUS	2
379	ACTIPTEC	2
401	ACTENROL	\$ 1 /* STUDENT PROFILE */
402	ACTATTND	\$ 1 /* SECTION */
403	ACTENTER	\$ 1
404	ACTLIVE	\$ 1
405	ACTMARRY	\$ 1
406	ACTCITIZ	\$ 1
407	ACTRES	\$ 1
408	ACTDISAB	\$ 1
409	ACTMILT	\$ 1
410	ACTCREDT	\$ 1
411	ACTCMAJ	\$ 3
414	ACTVOC1	\$ 3
417	ACTVOC2	\$ 3
420	ACTSUREM	\$ 1
421	ACTSUREV	\$ 1
422	ACTEDLEV	\$ 1
423	ACTESTGR	\$ 1
424	ACTROTC	\$ 1
425	ACTHELP1 -	\$ 1 (EACH)
	ACTHELP6	
431	ACTINDEP	\$ 1

STARTING POSITION	VARIABLE	LENGTH
432	ACTHONOR	\$ 1
433	ACTFORGN	\$ 1
434	ACTADENG	\$ 1
435	ACTADMTH	\$ 1
436	ACTADSOC	\$ 1
437	ACTADSCI	\$ 1
438	ACTADFR	\$ 1
439	ACTADGER	\$ 1
440	ACTADSP	\$ 1
441	ACTADLAN	\$ 1
442	ACTCRENG	\$ 1
443	ACTCRMTH	\$ 1
444	ACTCRSOC	\$ 1
445	ACTCRSCI	\$ 1
446	ACTINSTR	\$ 1
447	ACTMUSIC	\$ 1
448	ACTGOVT	\$ 1
449	ACTPUBS	\$ 1
450	ACTDEBAT	\$ 1
451	ACTCLUBS	\$ 1
452	ACTDRAMA	\$ 1
453	ACTRELOR	\$ 1
454	ACTETHOR	\$ 1
455	ACTINATH	\$ 1
456	ACTVRATH	\$ 1
457	ACTPOLIT	\$ 1
458	ACTRADIO	\$ 1
459	ACTFRAT	\$ 1
460	ACTSPINT	\$ 1
461	ACTSVC	\$ 1
462	ACTFAID	\$ 1
463	ACTWORK	\$ 1
464	ACTWRKHR	\$ 1
465	ACTINCOM	\$ 1
466	ACTPOPUL	\$ 1
467	ACTSIBS	\$ 1
468	ACTRELIG	\$ 1
469	ACTFAR	\$ 1
470	ACTENGSP	\$ 1
471	ACTETHNC	\$ 1
472	ACTCTYPE	\$ 1
473	ACTCOED	\$ 1
474	ACTSTAT1 -	\$ 2 (EACH)
	ACTSTAT5	
484	ACTTUITN	\$ 1
485	ACTSIZE	\$ 1
486	ACTINTYP	\$ 1
487	ACTINBDY	\$ 1
488	ACTINLOC	\$ 1
489	ACTINTUI	\$ 1
490	ACTINSIZ	\$ 1

STARTING POSITION	VARIABLE	LENGTH
491	ACTINMAJ	\$ 1
492	ACTINOTH	\$ 1
493	ACTHSTYP	\$ 1
494	ACTHSSIZ	\$ 1
495	ACTHSRAC	\$ 1
496	ACTHSRNK	\$ 1
497	ACTHSOAV	\$ 1
498	ACTHSCRS	\$ 1
499	ACTENGYR	\$ 1
500	ACTMTHYR	\$ 1
501	ACTSOCYR	\$ 1
502	ACTSCIYR	\$ 1
503	ACTSPYR	\$ 1
504	ACTGERYR	\$ 1
505	ACTFRYR	\$ 1
506	ACTLANYR	\$ 1
507	ACTBUSYR	\$ 1
508	ACTVOCYR	\$ 1
509	ACTHSENG	\$ 1
510	ACTHSMTH	\$ 1
511	ACTHSSOC	\$ 1
512	ACTHSSCI	\$ 1
513	ACTHSLAN	\$ 1
514	ACTEXT1 -	\$ 1 (EACH)
	ACTEXT16	
530	ACTLEAD1 -	\$ 1 (EACH)
	ACTLEAD7	
537	ACTMUSC1 -	\$ 1 (EACH)
	ACTMUSC7	
544	ACTSPCH1 -	\$ 1 (EACH)
	ACTSPCH7	
551	ACTART1 -	\$ 1 (EACH)
	ACTART7	
558	ACTWRIT1 -	\$ 1 (EACH)
	ACTWRIT7	
565	ACTSCI1 -	\$ 1 (EACH)
	ACTSCI7	
572	ACTATHL1 -	\$ 1 (EACH)
	ACTATHL7	
579	ACTSVC1 -	\$ 1 (EACH)
	ACTSVC7	
586	ACTWORK1 -	\$ 1 (EACH)
	ACTWORK7	
593	ACTEXP1 -	\$ 1 (EACH)
	ACTEXP11	
604	ACTEXPAQ	\$ 1
605	ACTEOS	\$ 1
606	ACTOCA1 -	\$ 1 (EACH)
	ACTOCA9	
615	ACTTST	\$ 4

STARTING POSITION	VARIABLE	LENGTH	
619	DOB	\$ 8	/* CORE DATA */
627	SEX	\$ 1	
628	TGRA	\$ 3	
631	TDOR	\$ 8	
639	BPED	\$ 8	
647	EADC	\$ 8	
655	DTRA	\$ 8	
663	SOC	\$ 1	
664	SEPDT	\$ 8	
672	SPD	\$ 3	
675	BABR	\$ 2	
677	BRCD	\$ 2	
679	FACD	\$ 2	
681	UUIC	\$ 5	
686	REDCAT	\$ 1	
687	ETHGP	\$ 1	
688	BYRGP	\$ 4	
692	PHDT1 -	\$ 8	(EACH)
	PHDT10		
772	CELC	\$ 1	
773	MEL	\$ 1	
774	RCEAS1 -	\$ 3	(EACH)
	RCEAS3		
783	MARST	\$ 1	
784	DEPS	2	
786	NODA	2	
788	COMPT	\$ 1	
789	CURSA	\$ 1	
790	COBO	\$ 2	
792	ORAPT	\$ 1	
793	CPPN	\$ 2	
795	PPPN	\$ 2	
797	TGPGC	\$ 1	
798	BRAOC1	\$ 1	
799	FAAOC1	\$ 1	
800	MEDN3	\$ 4	
804	MED1A	\$ 6	
810	MED2A	\$ 2	
812	MED3A	\$ 4	
816	MED4A	\$ 2	
818	MED3B	\$ 4	
822	MABC3A	\$ 4	
826	MABC3B	\$ 4	
830	MEDMO2	\$ 2	
832	MEDMO3	\$ 3	
835	MDMO32	\$ 3	
838	MDMO22	\$ 2	
840	MDGRDYY	\$ 4	
844	MDGRDMM	\$ 2	
846	MDGRDDD	\$ 2	

STARTING POSITION	VARIABLE	LENGTH
848	OMFLAG79 -	\$ 1 (EACH)
	OMFLAG99 OMFLAG00	
870	DUTYFL70 -	\$ 1 (EACH)
	DUTYFL99 DUTYFL00	
901	SEPFL70 -	\$ 1 (EACH)
	SEPFL99 SEPFL00	
932	PROMO1 -	10.2 (EACH)
	PROMO9	
1022	ACTYEAR	\$ 4
1026	FLAGACT	\$ 1
1027	FLAGETS	\$ 1
1028	MILD1 -	\$ 2 (EACH)
	MILD15	
1058	MILDAT1 -	\$ 4 (EACH)
	MILDAT15	

/* OADB YEAR SECTION REPEATS 22 TIMES - 1979 thru 2000 */

1118	TGRA	\$ 3	/* OADB 1979 */
1121	TGPGC	\$ 1	
1122	CPPN	\$ 2	
1124	PPPN	\$ 2	
1126	MEL	\$ 1	
1127	CELC	\$ 1	
1128	MARST	\$ 1	
1129	NODA	2	
1131	NOADC	2	
1133	FACD	\$ 2	
1135	BABR	\$ 2	
1137	BRCD	\$ 2	
1139	CAFD	\$ 8	
1147	CAUN	\$ 4	
1151	CAL	\$ 3	
1154	CADT	\$ 24	
1178	CMDTR	\$ 3	
1181	LTCCA	\$ 8	
1189	LTCTA	\$ 8	
1197	CMDSL1	\$ 3	
1200	COLCA1	\$ 8	
1208	COLTA1	\$ 8	
1216	DEPOS	\$ 6	
1222	DEROS	\$ 8	
1230	CSBAD1 -	\$ 2 (EACH)	
	CSBAD5		
1240	SKILL1 -	\$ 2 (EACH)	
	SKILL6		
1252	HEIGT	2	
1254	WEIGT	3	
1257	FAST1	\$ 1	
1258	FAST2	\$ 2	
1260	FAST3	\$ 1	

STARTING POSITION	VARIABLE	LENGTH	
1261	FAST4	\$ 2	/* OADB 1979 */
1263	OPP	\$ 1	/* CONTINUED */
1264	OPPDTE	\$ 6	
1270	UUIC	\$ 5	
/* THE 1979 OADB VARIABLES REPEAT FOR 1980 THRU 2000 */			
1275	OADB 1980	157	
1432	OADB 1981	157	
1589	OADB 1982	157	
1746	OADB 1983	157	
1903	OADB 1984	157	
2060	OADB 1985	157	
2217	OADB 1986	157	
2374	OADB 1987	157	
2531	OADB 1988	157	
2688	OADB 1989	157	
2845	OADB 1990	157	
3002	OADB 1991	157	
3159	OADB 1992	157	
3316	OADB 1993	157	
3473	OADB 1994	157	
3630	OADB 1995	157	
3787	OADB 1996	157	
3944	OADB 1997	157	
4101	OADB 1998	157	
4258	CYLU98	\$30	
4288	CMDTR598	\$ 5	
4293	CMDSL598	\$ 5	
4298	OADB 1999	157	
4455	CYLU99	\$30	
4485	CMDTR599	\$ 5	
4490	CMDSL599	\$ 5	
4495	OADB 2000	157	
4652	CYLU00	\$30	
4682	CMDTR500	\$ 5	
4687	CMDSL500	\$ 5	
4692	BOARDTP1	\$ 3	/* SELECTION */
4695	BOARDTP2	\$ 3	/* BOARD DATA */
4698	BOARDTP3	\$ 3	
4701	BOARDTP4	\$ 3	
4704	BOARDTP5	\$ 3	
4707	BOARDYR1	\$ 4	
4711	BOARDYR2	\$ 4	
4715	BOARDYR3	\$ 4	
4719	BOARDYR4	\$ 4	
4723	BOARDYR5	\$ 4	
4727	SELECT1	\$ 1	
4728	SELECT2	\$ 1	

STARTING POSITION	VARIABLE	LENGTH
4729	SELECT3	\$ 1
4730	SELECT4	\$ 1
4731	SELECT5	\$ 1
4732	ZONE1	\$ 1
4733	ZONE2	\$ 1
4734	ZONE3	\$ 1
4735	ZONE4	\$ 1
4736	ZONE5	\$ 1